

Cable Carriers / Cables / Heat Shrink Tubes / Fans / Network USB Adapter / Switching Hubs

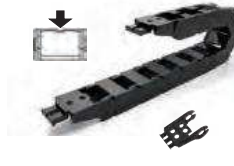
Cable Carriers



Flap Open-Close
P.448



Flap Closed
P.449



Slit Type
P.450

P.445



Medium Load, Inner Height 25mm, Separator (Separator Attachable)
P.451



Separators for Medium Load, Inner Height 25mm Type
P.452



Low Particle Generation, Low Noise, Inner Height
P.453



Low Particle Generation, Low Noise, Inner Height 40mm (Separator Attachable)
P.454

Machine and Network Cables



TRVV Non-Shielded Robot Cables 300V
P.456



TRVVP Shielded Robot Cables 300V
P.457



TRVVPS Shielded Robot Cables 300V, Twisted
P.458



TRVV Non-Shielded Robot Cables 300V, High Flexibility
P.459

P.455



TRVVPS Shielded Robot Cables 300V, Twisted, High Flexibility
P.460~P.461



PROFINET Network Cables Fixing/Moving
P.462

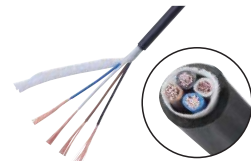


CAT5e Cables Fixing/Moving
P.463

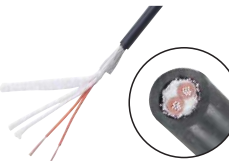


CAT6A Cables Fixing/Moving
P.464

Cables for Signals



Cables for Sensor Signals, 30V Non Shielded
P.466



Cables for Signals, Shielded, Twisted, 30V
P.467

P.465

Heat Shrink Tubes



2:1 Flame Retardant, Shrinkage 2:1
P.468



2:1 Ultra-Thin Wall Flame Retardant, Shrinkage 2:1
P.470



2:1 With Low Temp 90°C, Shrinkage 2:1
P.471







3:1 Shrinkage 3:1 Thick Wall
P.472

Heat Shrink Tubes	4:1	2:1	2:1	3:1
				
P.468	Shrinkage 4:1 Thick Wall P.473	Printable, Shrinkage 2:1 P.474	Ground Coloring, Shrinkage 2:1 P.475	With 120°C Heat Resistant, Shrinkage 3:1 Thick Wall P.476

		3:1 
PTFE With 260°C Heat Resistant P.477	Fluororubber With 200°C Heat Resistant P.478	Shrinkage 3:1 Capped Thick Wall P.479

Fans	New Products DC24V 	New Products EC220V 	New Products 
	DC24V Cooling Fans P.481	EC220V (AC/DC Universal) Cooling Fan P.482	Cooling Fan Attachments P.483
P.480			

Network / USB Adapter	New Products 	New Products 	New Products IP65 Waterproof 	New Products IP65 Waterproof 
	USB 3.0 (2.0 Compatible) Adapters with Cable, Panel Mounting P.485	USB 3.0 (2.0 Compatible) Adapters, Panel Mounting P.485	USB 3.0 (2.0 Compatible) Adapters with Cable, IP65 Panel Mounting P.486	USB 3.0 (2.0 Compatible) Adapters, IP65 Panel Mounting P.486
P.484				

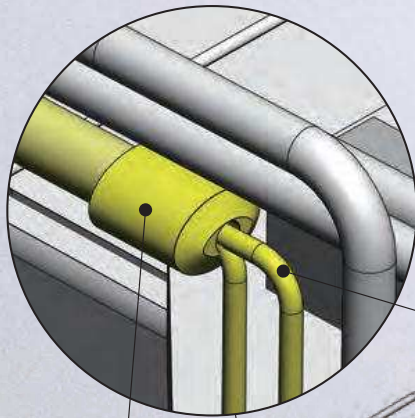
New Products 	New Products 	New Products 	New Products 
CAT5e/CAT6 Universal Network Adapters With Hexagon Nut, Panel Mounting P.487	CAT5e/CAT6 Universal Network Adapters With Buckle, Panel Mounting P.487	CAT5e/CAT6 Universal Network Adapters, IP65 Panel Mounting P.488	CAT5e Network Adapters Angled, Panel Mounting P.488

Switching Hubs	10/100BASE 	10/100/1000Base-T 
	Industrial Switching Hubs 10/100BASE P.490	Industrial Switching Hubs 10/100/1000Base-T P.490
P.489		

Single-Axis Movable Gripping Device

Application Industries: **Electronic & Electrical** **Medical**

This figure is a case of a device that grips parts by a suction cup and moves the parts from the initial workstation to the designated workstation using a single-axis movement. It is commonly used in the parts machining process where multi-station movement is required, and widely used in electronic components, medical equipment machining and other manufacturing industries.



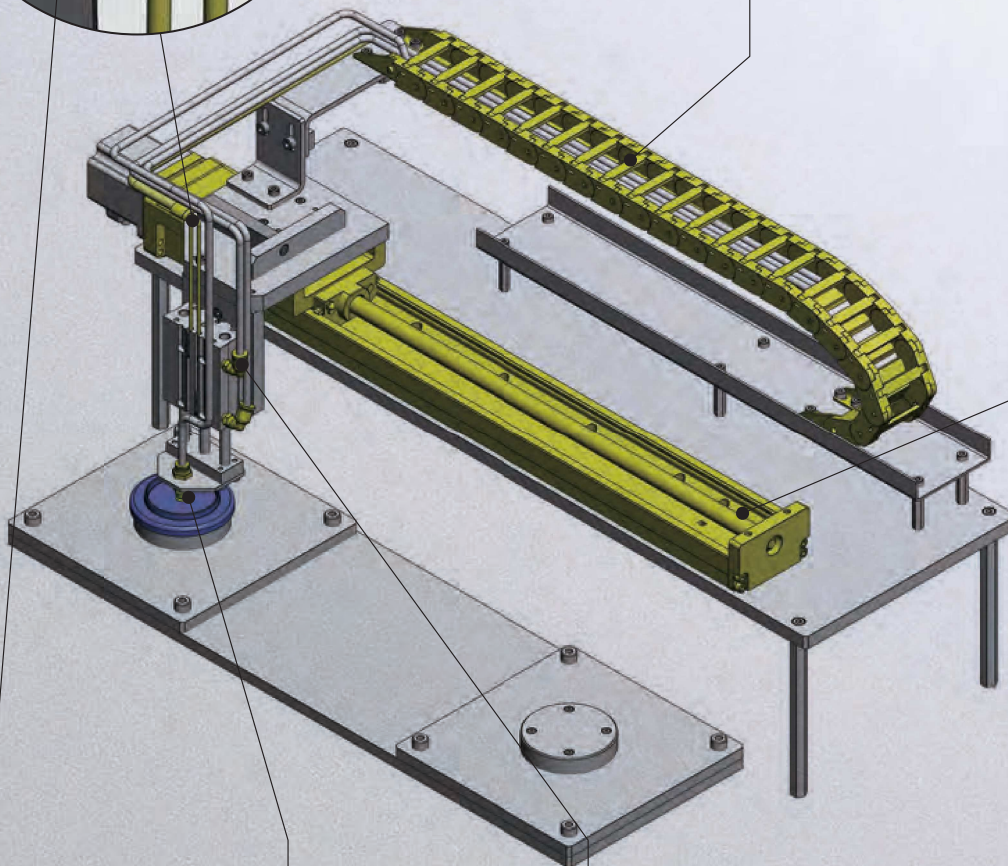
01 Machinery Cable x1



02 Cable Carrier x1



03 Actuator x1



06 Heat Shrink Tube x1



05 Suction cup x1



04 One-Touch Fitting x2



01 Machinery Cable ×1 P.456



Conductor section area 0.75mm²
 Number of cores 4
 Length 100m
 TRVV-0.75-4-100

4,740
 THB/roll

Quantity	Unit price	Total price
1	4,740	4,740
4	4,029	16,116

02 Cable Carrier ×1 P.448



Interior height 15mm
 Interior width 40mm
 Bending radius 48mm
 Number of links 20
 C-MPU15-40-48-20

804
 THB/pcs

Quantity	Unit price	Total price
1	804	804
4	684	2,736

03 Actuator ×1 P.133



Cover Not Provided
 Base Length 100mm
 Sliding Block 1 pcs
 Motor Attachment F1
 C-KS4001-B1-100-F1

11,774
 THB/pcs

Quantity	Unit price	Total price
1	11,774	11,774
4	11,421	45,684

04 One-Touch Fitting ×2 P.1090



Applicable tube O.D. 6mm
 Connecting thread nominal 1(R1/8)
 PACK-MEPL6-1

1,063
 THB/pack

Quantity	Unit price	Total price
1	1,063	1,063
4	903	3,612

05 Suction Cup ×1 P.1053



Suction cup shape Flat
 Rubber material Nitrile rubber
 O.D. 10mm
 E-MZU10-N-M6

343
 THB/pcs

Quantity	Unit price	Total price
1	343	343
4	291	1,164

06 Heat Shrink Tube ×1 P.469



Flame retardance Provided
 I.D. (Before shrinkage) 1.5mm
 I.D. (After shrinkage) ≤0.65mm
 Packing specification 100m/roll
 MTUBE-B-1

225
 THB/roll

Quantity	Unit price	Total price
1	225	225
10	192	1,920

* All products prices are without tax. For prices reference, please visit MISUMI official website.

* The reference price is estimated based on the quantity or approximate length of the product used in the example, and is not calculated as a starting price.

Economy series Cable Carriers

Shipment after assembly

**Assembled products shipped
in a short delivery time,
eliminating troublesome link
connections.**

- C- : Light & Low load Series
- E- : Medium Load Series
- Low dust & Low Noise Series

vs Standard Type
Saving
up to
69%




Three major types of economy series cable carriers


■ **Light & low load, universal specifications, available with additional separators, easy to use**
Three types based on cable mounting method

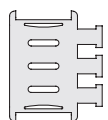
① Flap open-close type (open-close at either the internal circumference or the external circumference) Interior height: 10 to 32mm	② Slit type (embedded at either the internal circumference or the external circumference) Interior height: 10 to 32mm	③ Non-opening type Interior height: 10 to 15mm
 <p>* Separators can be added for easy wiring</p>		

■ **Medium-strength & medium load, flap open-close, available with additional separators**

	<p>Interior height: 25mm, 35mm</p> <p>Features: Compatible with SGS CLASS 10 clean room The report for 10 million cycles of life test is available</p>
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■ **Low dust & low noise cable carriers, flap opening at both the internal and external circumference, available with additional separators and connector comb-tooth plates**

	<p>Interior height: 30mm, 40mm</p> <p>Features: The links are connected by elastic sheets to reduce friction and noise Compatible with SGS CLASS 10 clean room Noise test ≤ 38 dB</p>
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Connector comb-tooth plates
for fixing cables



Separators
for separating inner space

3

Cable Carriers / Cables / Heat Shrink Tubes
Fans / Network / USB Adapter / Switching Hubs

Cable
Carriers

P.445

Machinery
Cables

P.455

Cables for
Signals

P.461

Heat Shrink
Tubes

P.468

Fans

P.480

Network
Communication

P.484

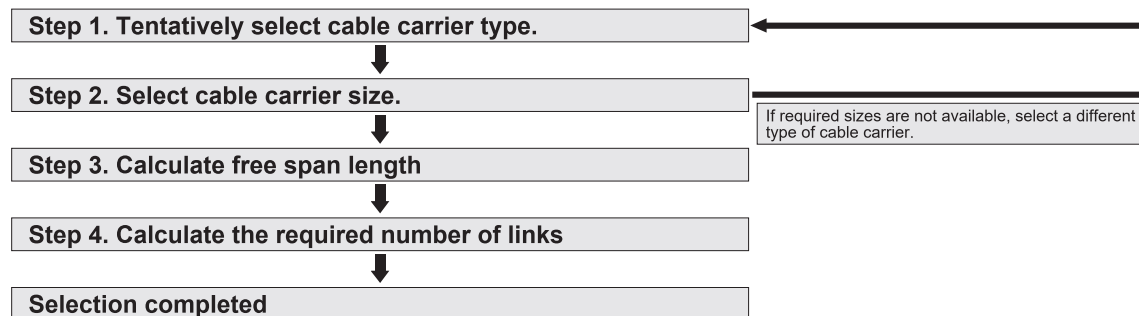
Switching
Hubs

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What is the Cable Carrier?

- It can prevent the cable and wire tubes connected to the moving parts of the equipment from twisting, stretching and entanglement due to movement.
- It is suitable for supporting and guiding multiple cables connected to the linear motion part.
- MISUMI Cable Carrier can be ordered simply by specifying the applicable single type and no need to select the part numbers for the link and mounting bracket, respectively.

Cable Carrier Selection



Step 1. Tentatively select cable carrier type.

Please tentatively select types referring to the following features, open-close methods and sizes.

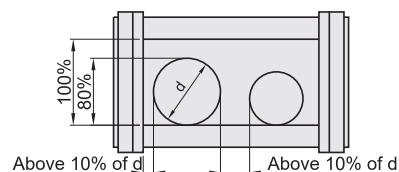
Type	Features	Flap Open-Close System
Slit Type C-MSU C-MSD	Cables/hoses can be easily inserted in from both external and internal circumference sides. Low noise featuring internal noise reduction structure	Insert the cable into the opening.
Flap Closed Type C-MHF	Space-saving design enables protection and guide even for only one cable/hose. Closed type, stronger resistance to twisting	Flaps do not open.
Flap Open-Close Type C-MPU C-MPD	The cover can be opened and closed on the left and right. Open along the inner or outer side of the bending radius Low noise featuring internal noise reduction structure	Flaps open from either right or left.

Step 2. Select cable carrier size.

Select suitable Cable Carrier size for housing cables/hoses.

<Selection Examples>

One $\phi 20\text{mm}$ cable needs to be stored.
 $20/0.8=25$ or more interior height is required for the condition that the cable O.D. must be within 80% of interior height.



* For sectional dimensions and bending radius by type and size, please refer to product pages.

<Size Selection Tips>

- ① Height
O.D. of the cable / hose must be 80% or less than the interior height of the cable carrier.
- ② Occupied Space
Cable / hose must be within 60% of Cable Carrier Interior Content = Interior Height \times Interior Width. (In addition, for MPSPS, up to 70% of the cable carrier interior can be taken up.)
- ③ Bending Radius
When housing different types of cables/hoses together, please select the cable carrier bending radius to meet the maximum bending radius.
- ④ Distance Between the Running Cable/Hose and Interior Wall
The distance between the running cable/hose and Cable Carrier interior wall must be at least 10% of the running cable / hose O.D.
- ⑤ Cable / Hose Mutual Distances
The distance between adjacent cables/hoses must be at least 10% of the biggest cable O.D..

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Cable Carriers / Cables / Heat Shrink Tubes
Fans / Network / USB Adapter / Switching Hubs

Cable Carriers

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Machinery Cables

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Cables for Signals

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Heat Shrink Tubes

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Fans

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Network Communication

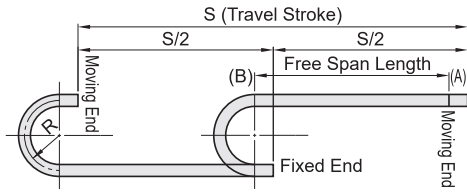
P.484

Switching Hubs

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Step 3. Calculate free span length

Calculate the length of free span by required moving stroke and the position of fixed end.



<Selection Examples>

2000mm is required for strokes. Free span length requires $2000/2=1000\text{mm}$ as the fixed end can be set at a stroke intermediate point.

<Free Span Length>

Distance between the cable carrier moving end (A) and bending radius arc origin point (B).

When positioning the fixed end in the center of the moving stroke, Free Span Length = Travel Stroke/2

*Possible to minimize the quantity of cable carrier links by setting the fixed end at the intermediate point of travel stroke.

Step 4. Calculate the required number of links

Calculate the required number of links by the following formula.

$$n = \frac{S/2 + K + A}{P}$$

n: Number of Links (Round up the number after the decimal point.)

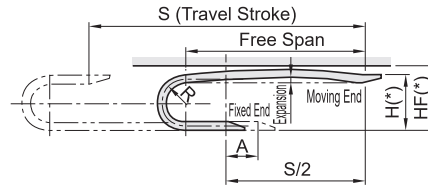
S: Travel Stroke

K: Arc Length + Margin (*)

A: Distance from an intermediate point (mm) when fixed end is not set at a travel stroke intermediate point (0 when at an intermediate point).

P: Link Pitch(*)

- *1 About the number of backup links
- In the case of new designs, there may be a possibility that carrier links run short.
- It is recommended that links are selected longer by one or two links, and are adjusted (removed) at the time of installing device.
- For installation, see product pages.

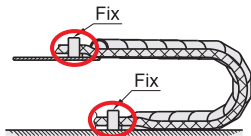


⚠ Symbols in the diagram: HF indicates the passable height that takes into account the expansion height generated with cables / hoses, etc. not inserted, when using the cable carrier at a free span length.

* Please refer to the product pages for the symbols K (arc length + margin), P (link pitch) and H-HF (space height).

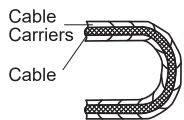
Precautions for installing and fixing cables

- Tie a cable at both ends of the cable carrier.

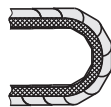


- Allow the cable to move freely.

- For the full stroke range, make sure that any portion of a cable is not put in excessive contact with the internal/external circumference of the cable carrier.



· No excessive contact



· Excessive contact with the internal circumference



· Excessive contact with the external circumference

· Fix both ends of the cable with no tension force applied.

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Cable Carriers / Cables / Heat Shrink Tubes
Fans / Network / USB Adapter / Switching Hubs

Cable Carriers

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Machinery Cables

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Cables for Signals

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Heat Shrink Tubes

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Fans

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Network Communication

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Switching Hubs

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Representative model: C-MPU10-10-18-11

Save Up to **69%** vs Standard Type

366

THB

Shipping from **6 days**

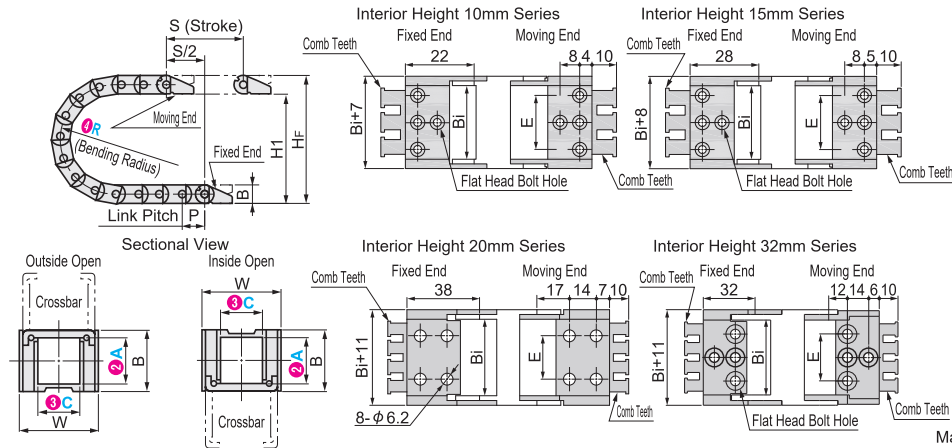


Volume Discount

Quantity	1~3	4~5	6~
Discount	Unit Price	15%	30%



Shipping days may differ by Quantity.
Quantity of volume discount above is for representative Part No. It may differ by the Part.



Material: PA+Glass Fiber

Part Number	2A	B	3C	W	P	4R	5	6	7	Cable Insertion Surface	H	Required Space Height Hf	Recommended Height Safety Margin	Bi	E	Number of Joint Teeth
1 Type	Interior Height	Exterior Height	Interior Width	Exterior Width	Pitch	Bending Radius	Number of Links	Separator type	Number of separators		Mounting Height					
C-MPU (Crossbar Opens Outside)	10	14	10	17	20	18	10~65	-	-	Outer	50	60	100	10	-	1
			20	27		28					70	80	130	20	-	2
			30	37		38					90	100	160	30	22	3
			40	47									40	32	4	
	15	19	10	18	28	75		90	130		15	-	2			
			20	28	38	95		110	160		20	-	2			
			30	38	48	115		130	195		30	22	3			
			40	48					40		32	4				
	20	25	15	26	38	101		121	180		15	-	2			
			25	36	48	121		141	215		25	10	3			
			40	51	58	175		195	300		50	35	5			
			60	71	75	225		245	375		60	48	6			
32	39	70	81	100	70	54	7									
		80	91				80	65	8							
		40	51	50	139	164	220	40	25	4						
		50	61	60	159	184	250	50	37	5						
C-MPD (Crossbar Opens Inside)	10	14	10	17	20	18	10~65	-	-	Inner	50	60	100	10	-	1
			20	27		28					70	80	130	20	-	2
			30	37		38					90	100	160	30	22	3
			40	47									40	32	4	
	15	19	10	18	28	75		90	130		15	-	2			
			20	28	38	95		110	160		20	-	2			
			30	38	48	115		130	195		30	22	3			
			40	48					40		32	4				
	20	25	15	26	38	101		121	180		15	-	2			
			25	36	48	121		141	215		25	10	3			
			40	51	58	175		195	300		50	35	5			
			60	71	75	225		245	375		60	48	6			
32	39	70	81	100	70	54	7									
		80	91				80	65	8							
		40	51	50	139	164	220	40	25	4						
		50	61	60	159	184	250	50	37	5						

Products can be purchased with additional separators. For the specific number of separators, refer to MISUMI website.

Ordering Example

Please order after selecting part number and parameters according to the selection steps 1 to 7.

Part Number (1 Type 2 Interior Height A) - 3 Interior Width C - 4 Bending Radius R - 5 Number of Links + 6 Separator type - 7 Number of separators
C-MPU15 - 20 - 28 - 10 + S15 - 4



By Type: Search on MISUMI official website
C-MPU

By Keyword: Step 1 Search on MISUMI official website
cable carrier

Step 2 Select MISUMI economy series brand
 MiSUMI MISUMI economy

- 3 Cable Carriers (Cables Heat Shrink Tubes Fans Network USB Adapter Switching Hubs)
- Cable Carriers
- P.445
- Machinery Cables
- P.455
- Cables for Signals
- P.461
- Heat Shrink Tubes
- P.468
- Fans
- P.480
- Network Communication
- P.484
- Switching Hubs
- P.489

Representative model: C-MHF10-10-18-11



273

THB



Volume Discount

Quantity	1~3	4~5	6~
Discount	Unit Price	15%	30%



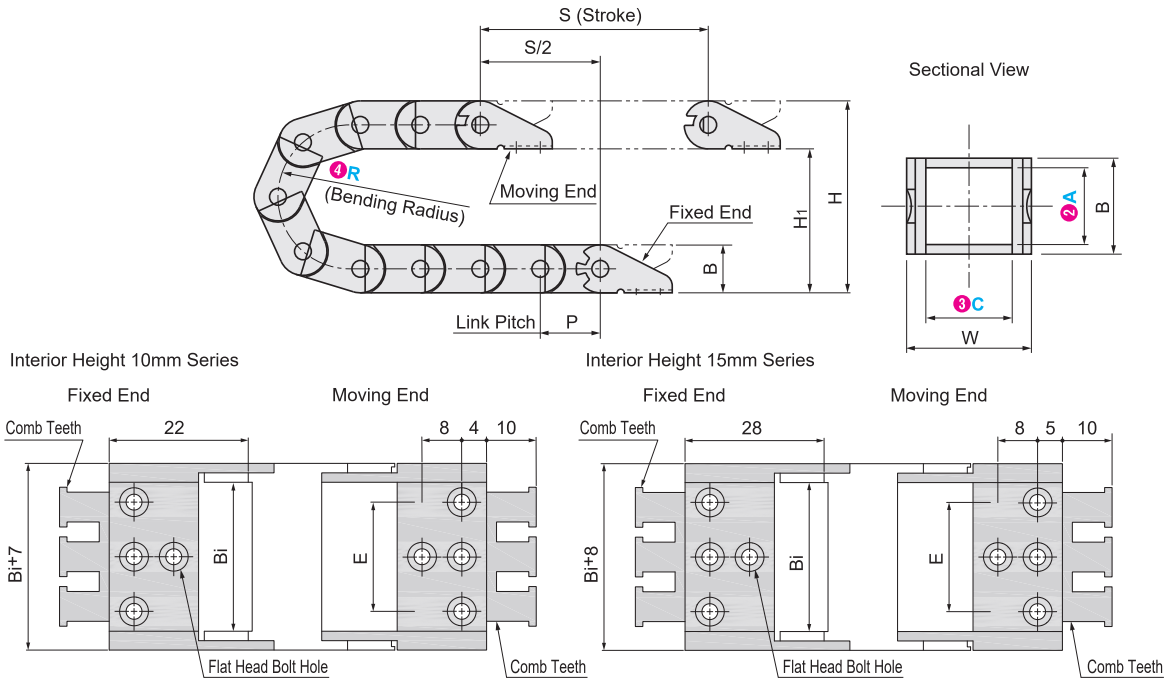
Shipping days may differ by Quantity.
Quantity of volume discount above is for representative Part No. It may differ by the Part.

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Cable Carriers / Cables / Heat Shrink Tubes
Fans / Network / USB Adapter / Switching Hubs
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Material: PA+Glass Fiber

Part Number	1 Type	2 A Interior Height	Flap Open-Close System	B Exterior Height	3 C Interior Width	W Exterior Width	P Pitch	4 R Bending Radius	5 Number of Links	H (Mounting Height)	Required Space Height	Recommended Height Safety Margin	Bi	E	Number of Joint Teeth																																																															
																<table border="1"> <tr> <td rowspan="12">C-MHF</td> <td rowspan="6">10</td> <td rowspan="6">Always Closed</td> <td rowspan="6">14</td> <td>10</td> <td>17</td> <td rowspan="6">20</td> <td rowspan="6">18</td> <td rowspan="6">10</td> <td rowspan="6">65</td> <td rowspan="6">50</td> <td rowspan="6">60</td> <td rowspan="6">100</td> <td>10</td> <td>-</td> <td>1</td> </tr> <tr> <td>15</td> <td>22</td> <td>15</td> <td>-</td> <td>2</td> </tr> <tr> <td>20</td> <td>27</td> <td>20</td> <td>-</td> <td>2</td> </tr> <tr> <td>30</td> <td>37</td> <td>30</td> <td>22</td> <td>3</td> </tr> <tr> <td>40</td> <td>47</td> <td>40</td> <td>32</td> <td>4</td> </tr> <tr> <td>15</td> <td rowspan="6">19</td> <td>15</td> <td>23</td> <td>15</td> <td>-</td> <td>2</td> </tr> <tr> <td>20</td> <td>28</td> <td>20</td> <td>-</td> <td>2</td> </tr> <tr> <td>30</td> <td>38</td> <td>30</td> <td>22</td> <td>3</td> </tr> <tr> <td>40</td> <td>48</td> <td>40</td> <td>32</td> <td>4</td> </tr> <tr> <td>50</td> <td>58</td> <td>50</td> <td>42</td> <td>5</td> </tr> </table>																C-MHF	10	Always Closed	14	10	17	20	18	10	65	50	60	100	10	-	1	15	22	15	-	2	20	27	20	-	2	30	37	30	22	3	40	47	40	32	4	15	19	15	23	15	-	2	20	28	20	-
C-MHF	10	Always Closed	14	10	17	20	18	10	65	50	60	100	10	-	1																																																															
				15	22								15	-	2																																																															
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	40	48	40	32		4																																																																								
	50	58	50	42		5																																																																								



Please order after selecting part number and parameters according to the selection steps 1 to 5.

Part Number (1 Type · 2 Interior Height A) - (3 Interior Width C) - (4 Bending Radius R) - (5 Number of Links)
C-MHF10 - 10 - 18 - 11

How to search on website



By Type: Search on MISUMI official website

By Keyword: Step 1 Search on MISUMI official website

Step 2 Select MISUMI economy series brand



Representative model: C-MSU10-15-18-11

Save Up to **53%** vs Standard Type

290

THB

Shipping from **6 days**

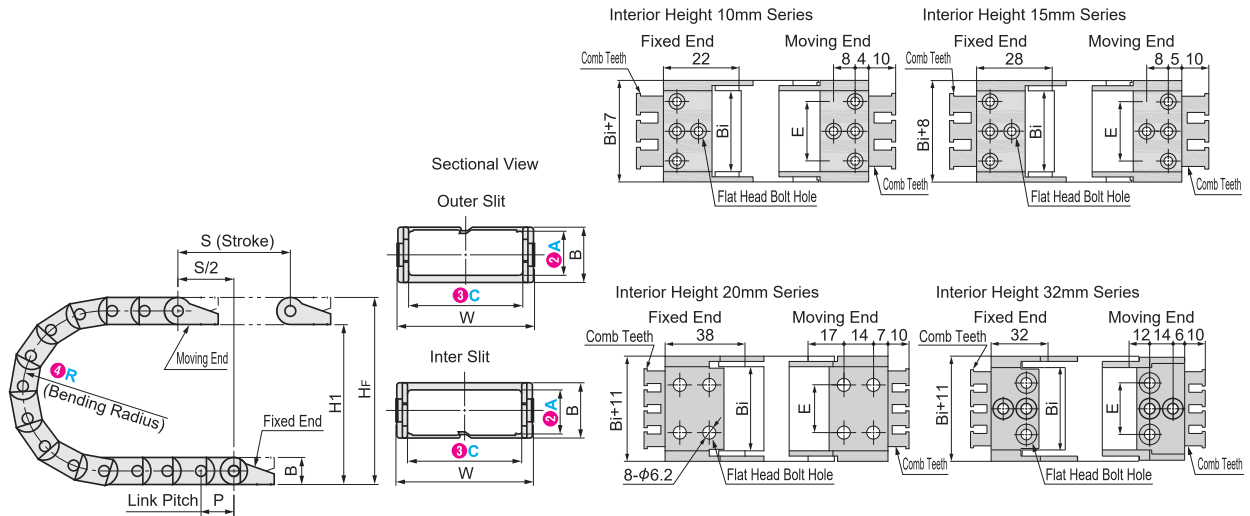


Volume Discount

Quantity	1~3	4~5	6~
Discount	Unit Price	15%	30%



Shipping days may differ by Quantity.
Quantity of volume discount above is for representative Part No. It may differ by the Part.



Material: PA+Glass Fiber

Part Number	1 Type	2 A Interior Height	B Exterior Height	3 C Interior Width	W Exterior Width	P Pitch	4 R Bending Radius	5 Number of Links	Cable Insertion Surface	H (Mounting Height)	Required Space Height Hf	Recommended Height Safety Margin	Bi	E	Number of Joint Teeth				
																6			
C-MSU	10	14	15	22	20	18 28 38	10 65	Outer	50	60	100	15	-	2					
				23					70	130									
				28					80	160									
			15	28	85				130										
				38	95				160										
				48	105				195										
	20	25	36	30	28 38 48 50	30	10 65	Outer	81	91	150	25	10	3					
									101	111	180								
									121	131	215								
		32	39						51	50 60 75 100	30				10 65	Outer	175	185	300
																	139	154	220
																	159	174	250
C-MSD	10	14	15	22	20	18 28 38	10 65	Inner	50			60	100	15			-	2	
				23					70			130							
				28					80			160							
			15	19	28				30	28 38 48	30	10 65	Inner		75	85			130
															95	105			160
															115	125			195
	20	25	36	50 60 75	30	10 65	Inner	81						91	150				
								101						111	180				
								121						131	215				
	32	39	51					50 60 75 100	30	10 65	Inner	175	185	300					
												139	154	220					
												159	174	250					
32		39	61	50 60 75 100	30	10 65	Inner					189	204	300					
												239	254	375					
												189	204	300					
239	254	375																	

Ordering Example

Please order after selecting part number and parameters according to the selection steps 1 to 6.
 Part Number (1 Type · 2 Interior Height A) - (3 Interior Width C) - (4 Bending Radius R) - (6 Number of Links)
C-MSU10 - 15 - 18 - 11

How to search on website

By **Type** Search on MISUMI official website

By **Keyword** Step 1 Search on MISUMI official website

Step 2 Select MISUMI economy series brand
 MiSUMI MISUMI economy

3 Cable Carriers (Cables Heat Shrink Tubes Fans Network USB Adapter Switching Hubs)
Cable Carriers P.445
 Machinery Cables P.455
 Cables for Signals P.461
 Heat Shrink Tubes P.468
 Fans P.480
 Network Communication P.484
 Switching Hubs P.489

New Products

Representative model: E-MPU25-55-55-10



Shipping from **6 days**

1,482 THB

Volume Discount

Quantity	1~3	4~5	6~
Discount	Unit Price	15%	30%

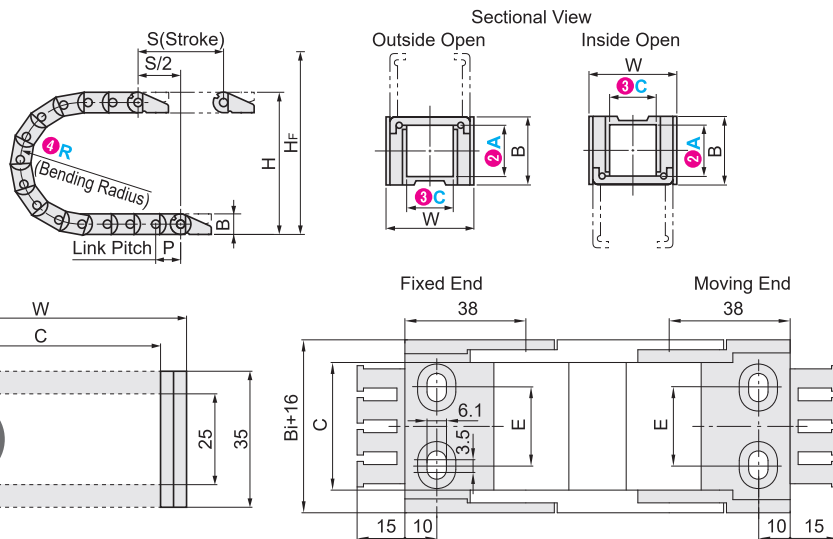
Interior height 25mm



Shipping days may differ by Quantity.
Quantity of volume discount above is for representative Part No. It may differ by the Part.

Main Specifications

Interior Height A	Interior Width C	Bending Radius R	Number of Links	Cable Insertion Surface
25mm	25~125mm	55~150mm	10~68mm	Inner



Material: PA + Glass Fiber

Part Number	1 Type	2 Interior Height A*	3 Interior Width C*	4 Available Bending Radius R*	5 Number of Links* (Corresponding Length)	6 Vertical Separator		Exterior Height B	Exterior Width W	Pitch P	Mounting Dimension (Corresponding Bending Radius)			Bi	E	Number of Joint Teeth
						Separator	Number of Separators				Mounting Height H	Required Space Height Hf	Arc Length + Margin			
E-MPU (Outside Open)	25	25	55	75	10~68 (450mm~3060mm)	Not Provided 0	4~68*	35	41	45	145	H+25	265	25	14	3
		56							40					25	4	
		71							55					44	6	
		91							75					64	8	
		106							100					77	9	
		116							125					90	10	
E-MPD (Inside Open)	25	125	55	75	10~68 (450mm~3060mm)	Provided S25	4~68*	35	141	45	185	H+25	330	55	44	6
		235							75				64	8		
		285							90				77	9		
335	100	90	10													
335	125	112	12													

* Selectable number of separators differs by number of links and its Max = Number of links selected.

For more information about selection, please check MISUMI website.

Please order after selecting part number and parameters according to the selection steps 1 to 6.

Ordering Example
Part Number (1 Type · 2 Interior Height A) - 3 Interior Width C - 4 Bending Radius R - 5 Number of Links + 6 Separator
E-MPU25 - 55 - 55 - 10 + S25-4

How to search on website

By Type: Search on MISUMI official website
E-MPU

By Keyword: Step 1 Search on MISUMI official website Step 2 Select MISUMI economy series brand
cable carrier

MISUMI MISUMI economy

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Cable Carriers (Cables / Heat Shrink Tubes / Fans / Network / USB Adapter / Switching Hubs)
Cable Carriers
P.445
Machinery Cables
P.455
Cables for Signals
P.461
Heat Shrink Tubes
P.468
Fans
P.480
Network Communication
P.484
Switching Hubs
P.489

New Products

Representative model: E-M25.1S



21

THB

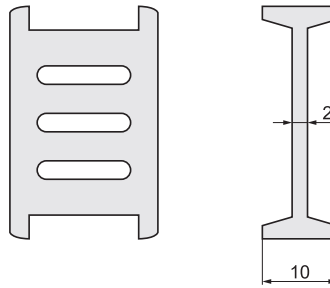
Shipping from 6 days

Volume Discount

Quantity	50~69	70~119	120~
Discount	Unit Price	15%	30%

Shipping days may differ by Quantity.

Quantity of volume discount above is for representative Part No. It may differ by the Part.



Used in conjunction with "Medium Load Interior Height 25mm" only Material: PA

Part Number	Interior Height (mm)	Thickness (mm)
E-M25.1S	25	2

Ordering Example

Part Number
E-M25.1S

How to search on website



By Type Search on MISUMI official website
E-M25.1S

By Keyword Step 1 Search on MISUMI official website Step 2 Select MISUMI economy series brand
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Cable Carriers (Cables Heat Shrink Tubes Fans Network USB Adapter Switching Hubs

Cable Carriers

P.445

Machinery Cables

P.455

Cables for Signals

P.461

Heat Shrink Tubes

P.468

Fans

P.480

Network Communication

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Switching Hubs

P.489

Representative model: E-MXA30-40-55-15



1,763 THB

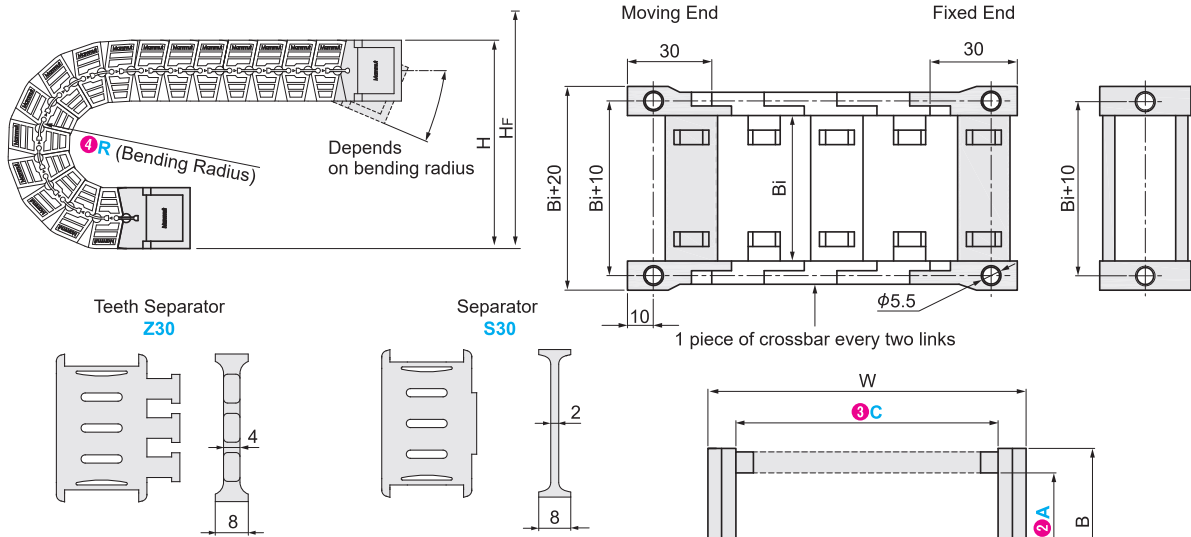
Volume Discount

Quantity	1~3	4~5	6~
Discount	Unit Price	15%	30%

Interior height 30mm



Shipping days may differ by Quantity.
Quantity of volume discount above is for representative Part No. It may differ by the Part.



Teeth type is dedicated for end link and its teeth can be used for binding cables. Recommended to be use 1-2 pieces for every 2-3 sections. Installation position is flexible.

Material PA+Glass Fiber

Part Number	Type	Interior Height (2A)	Flap Open-Close System	Exterior Height (B)	Interior Width (3C)	Exterior Width (W)	Pitch (P)	Bending Radius (4R)	Number of Links (5)	Teeth Separator		Separator		Mounting Height (H)	Required Space Height Hf	Recommended Height Safety Margin	Bi
										Teeth Separator (6)	Number of Separators (7)	Separator (8)	Number of Separators (9)				
E-MXA	30	40	Allows both inside and outside pening	30	30	46	25	55 75 100 125 150	10~65	Not Provided - Provided Z30	2~10*	Not Provided - Provided S30	4~65*	150	190	225	30
					40	56								230	290	290	40
					50	66								240	280	365	50
					60	76								290	330	445	60
					70	86								340	380	525	70
					75	91											75
					80	96											80
					90	106											90
					100	116											100

* Product can be purchased with additional separators.
For more information about selection of separators (Z30/S30), please check MISUMI website.

Ordering Example

Please order after selecting part number and parameters according to the selection steps 1 to 9.

Part Number (1 Type-2A) - 3C - 4R - 5 Number of Links + 6 Teeth Separator - 7 Number of Separators + 8 Separator - 9 Number of Separators

E-MXA30 - 40 - 55 - 15 + Z30 - 2 + S30 - 5

How to search on website

By Type: Search on MISUMI official website

By Keyword: Step 1 Search on MISUMI official website Step 2 Select MISUMI economy series brand MISUMI MISUMI economy

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Cable Carriers / Cables / Heat Shrink Tubes / Fans / Network / USB Adapter / Switching Hubs
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Machinery Cables
P.455
Cables for Signals
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Heat Shrink Tubes
P.468
Fans
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Network Communication
P.484
Switching Hubs
P.489

New Products



Representative model: E-MXA40-40-60-10+S40-4

Shipping from 1 day

2,877

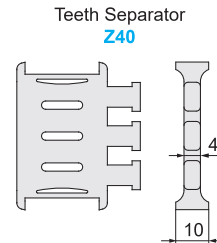
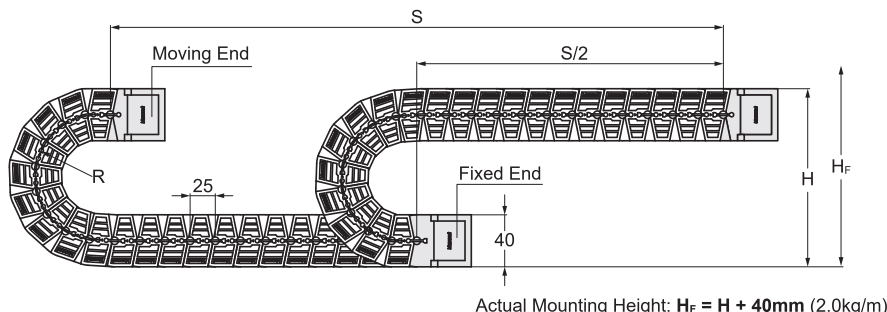
THB

Volume Discount

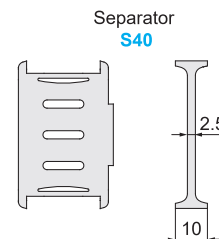
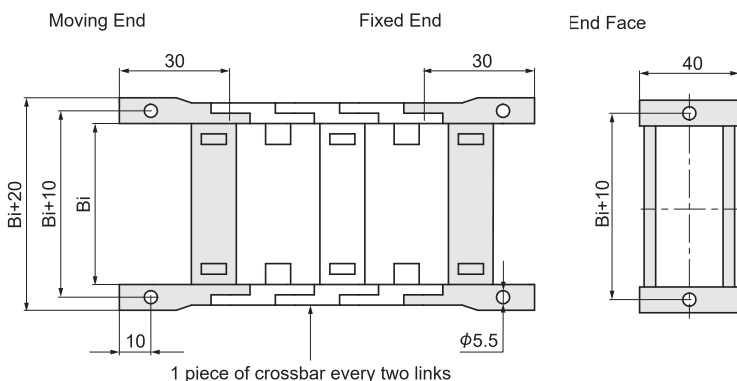
Quantity	1~3	4~5	6~
Discount	Unit Price	15%	30%

Interior height 40mm

Shipping days may differ by Quantity.
Quantity of volume discount above is for representative Part No. It may differ by the Part.



This separator is dedicated for end link and its teeth can be used for binding cables.



Recommended to be use 1-2 pieces for every 2-3 sections. Installation position is flexible.

Material: PA + Glass Fiber

Main Specifications

Interior Height A	Interior Width C	Bending Radius R	Number of Links	Cable Insertion Surface
40mm	40~100mm	60~150mm	10~65mm	Allows both inside and outside insertion

Flap Open-Close System	Part Number		Interior Width C	Bending Radius R	Number of Links	Separator			Exterior Height B	Exterior Width W	Pitch P	Mounting Height H	Required Space Height H _f	Recommended Height Safety Margin	Bi	
	Type	Interior Height A				Teeth Type	Non-Teeth Type	Code & Number of Separators								Code & Number of Separators
Allows both inside and outside opening	E-MXA	40	40	60 75 100 125 150	10~65	Not Provided - Provided Z40	2~10*	Not Provided - Provided S40	4~65*	50	28	170 200 250 300 350	210 240 290 340 390	245 295 375 450 530	40	
			50													
			60													
			70													
			75													
			80													
			90													
			100													
			60													
			70													
80																
90																
100																
110																
120																
75																
80																
90																
100																
110																
120																

*Product can be purchased with additional separators.
For more information about selection of separators(Z40/S40),please check MISUMI website.

Ordering Example: Please order after selecting part number and parameters according to the selection steps 1 to 6.

Part Number (1)Type - (2)Interior Height A - (3)Interior Width C - (4)Bending Radius R - (5)Number of Links + (6)Separator

E-MXA40 - 40 - 60 - 10 + Z40-2+S40-4

How to search on website

By Type: Search on MISUMI official website

By Keyword: Step 1 Search on MISUMI official website Step 2 Select MISUMI economy series brand MISUMI MISUMI economy

3 Cable Carriers (Cables Heat Shrink Tubes Fans Network USB Adapter Switching Hubs) Cable Carriers P.445 Machinery Cables P.455 Cables for Signals P.461 Heat Shrink Tubes P.468 Fans P.480 Network Communication P.484 Switching Hubs P.489

Economy series Machinery Cables

Suitable for medium and low speed moving parts
in equipment and short-stroke cable carriers

vs Standard Type
Saving
up to
67%

New Launch

Tough Sheath

Thinner O.D.



3

Cable Carriers / Cables / Heat Shrink Tubes
Fans / Network / USB Adapter / Switching Hubs

Cable
Carriers

P.445

Machinery
Cables

P.455

Cables for
Signals

P.461

Heat Shrink
Tubes

P.468

Fans

P.480

Network
Communication

P.484

Switching
Hubs

P.489

Product Features

Conductor

Stranded Conductor

Composite Stranded Conductor

Copper Purity 99.99%

Conductivity Ductility

Sheath

High strength
PVC coating

High stretch rate
and little filler

Small Diameter

Smaller

O.D. Max. 25%

Ordinary
PVC material

Low stretch rate
and much filler

Large Outer
Diameter

Moving Performance

Test Conditions

- Moving Stroke S=500mm
- Moving Speed 1000mm/s
- Bending Radius R=6D

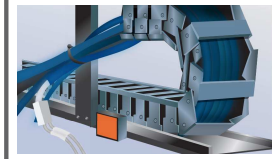
Generic products on the market *

Cable breaks
after 3 million cycles



MISUMI Economy series

Cable carrier moves continuously
more than 5 million cycles



* Generic products on the market are similar products randomly purchased by our company from online or offline markets.

* The test data are obtained through testing by our company, which are for reference only.

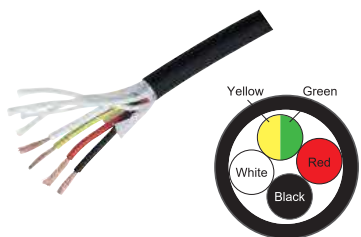
Product Type

Item	Non-Shielded TRVV Series	Shielded TRVVP Series	Shielded Twisted Pair TRVVPS Series
Product Picture	<p>Insulation</p> <p>Filling</p> <p>Copper Conductor</p> <p>Paper Tape</p> <p>Sheath</p>	<p>Insulation</p> <p>Filling</p> <p>Copper Conductor</p> <p>Copper Braided Shielding</p> <p>Sheath</p>	<p>Paper Tape</p> <p>Copper Braided Shielding</p> <p>Copper Conductor</p> <p>Insulation</p> <p>Sheath</p>
Core Number Range	2 to 20 Cores	2 to 6 Cores	1 to 20 Pairs
Cross Section Range	0.2-2.5 mm ²	0.15-0.5 mm ²	0.15-0.5 mm ²
Features	Tough sheath with excellent tensile strength	Copper wire braided shielding against interference	More stable signal transmission enabled by twisted pair technology

Representative model: TRVV-0.75-4-100

Save Up to **30%** vs Standard Type

Shipping from **1 day**



4,740 THB

Volume Discount

Quantity	1~3	4~5	6~
Discount	Unit Price	15%	30%

Shipping days may differ by Quantity.

Quantity of volume discount above is for representative Part No. It may differ by the Part.

* The above is a 4-core cross-sectional view

Length 100=100m/roll

Material Conductor Copper Sheath PVC

Type	Conductor Cross Section (mm ²)	Number of Cores	Length (m)	AWG Size (AWG)	Twisting Structure	Number of Wire Cores	Cable O.D. (mm)	Reference Mass kg/km	Electrical Properties			Max Voltage V/minute	Conductor		Insulation		Sheath															
									Allowable Current MAX A (30°C)	Conductor Resistance Ω/km (20°C)	Insulation Properties MΩ/km (20°C)		Core Wire Structure pcs/mm	O.D. approx. (mm)	Thickness (mm)	Material	Wire Core O.D. approx. (mm)	Thickness (mm)	Material													
TRVV	0.2	2	100 *(1-100)	24	Twisted	2	4.3	24	5	94.2 or Less	10 or More	2000	19/ 0.12	0.6	0.3	PVC	1.2	0.9	PVC													
		3				4.5	29	4.2																								
		4				4.8	34	3.8																								
		5				5.1	40	3.5																								
		6				5.5	46	3.3																								
		8				6.2	54	3.0																								
		10				6.7	68	2.8																								
		12				6.9	76	2.6																								
		14				7.2	84	2.4																								
		16				7.5	94	2.3																								
		18				7.9	104	2.3																								
		20				8.3	115	2.2																								
	0.3	2	100 *(1-100)	22	Twisted	2	4.6	28	5.3	69.2 or Less	10 or More	2000	24/ 0.12	0.65	0.35	PVC	1.35	1.1	PVC													
		3				4.8	33	4.4																								
		4				5.2	41	4																								
		5				5.5	46	3.7																								
		6				6.0	54	3.5																								
		8				6.8	65	3.1																								
		10				7.3	81	3.0																								
		12				7.5	91	2.8																								
		14				7.9	103	2.6																								
		16				8.2	113	2.5																								
		18				8.7	125	2.4																								
		20				9.1	139	2.3																								
	0.5	2	100 *(1-100)	20	Twisted	2	5.7	43	7.7	39 or Less	10 or More	2000	42/ 0.12	0.9	PVC	1.8	1.1	PVC														
		3				6.0	57	6.5																								
		4				6.4	67	5.8																								
		5				7.0	79	5.4																								
		6				7.5	95	5.1																								
		8				8.8	120	4.7																								
		10				9.5	136	4.4																								
		12				10.0	157	4.1																								
		14				10.4	175	3.8																								
		16				11.0	193	3.7																								
		18				11.5	212	3.5																								
		20				12.2	232	3.4																								
	0.75	2	100 *(1-100)	18	Twisted	2	6.1	56	9.9	26 or Less	10 or More	2000	65/ 0.12	1.1	0.45	PVC	2	1.2	PVC													
		3				6.4	72	8.4																								
		4				6.9	87	7.5																								
		5				7.5	108	7.0																								
		6				8.1	125	6.6																								
		8				9.3	162	6.1																								
		10				10.5	186	5.6																								
		12				10.8	215	5.2																								
		1.0				2	100 *(1-100)	17	Twisted											2	6.7	66	11.8	19.5 or Less	10 or More	2000	84/ 0.12	1.4	PVC	2.3	1.2	PVC
						3														7.1	84	10.0										
						4														7.7	103	9.0										
						5														8.3	123	8.3										
6	9.0		144	7.8																												
8	10.8		188	7.2																												
10	11.7		221	6.7																												
12	12.1		252	6.2																												
1.5	2		100 *(1-100)	15	Twisted	2				7.5	84	15.4	13.3 or Less	10 or More	2000	130/ 0.12	1.8	PVC	2.7	1.1	PVC											
	3					7.9				111	13.0																					
	4					8.6				139	11.7																					
	5					9.6				172	10.9																					
	6	10.4				202	10.3																									
	8	12.2				252	9.2																									
2.5	2	100 *(1-100)	13	Twisted	2	8.9	122	20.9	7.98 or Less	10 or More	2000	210/ 0.12	2.2	0.55	PVC	3.3	1.2	PVC														
	3				9.4	155	17.5																									
	4				10.5	199	15.9																									
	5				11.4	241	14.7																									
	6				12.4	286	13.9																									

*(1-100) : In some areas, this cable is provided in units of 1m. Please check MISUMI official website for details.

Please order after selecting part number and parameters according to the selection steps 1 to 4.

Ordering Example: **Part Number (1) Type** - **2 Conductor Cross Section** - **3 Number of Cores** - **4 Length**
 TRVV - 0.5 - 4 - 100



By Type: Search on MISUMI official website
 TRVV

By Keyword: Step 1 Search on MISUMI official website
 machinery cable

Step 2 Select MISUMI economy series brand



3 Cable Carriers (Cables Heat Shrink Tubes Fans Network USB Adapter Switching Hubs)

Cable Carriers

P.445

Machinery Cables

P.455

Cables for Signals

P.461

Heat Shrink Tubes

P.468

Fans

P.480

Network Communication

P.484

Switching Hubs

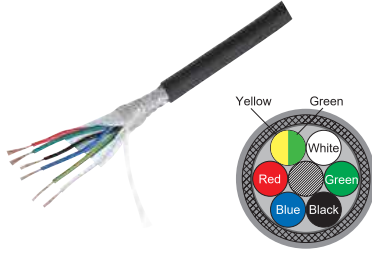
P.489

Representative model: TRVVP-0.3-4-100

Save Up to **67%** vs Standard Type

3,744 THB

Shipping from **1 day**



Volume Discount

Quantity	1~3	4~5	6~
Discount	Unit Price	15%	30%

Shipping days may differ by Quantity.

Quantity of volume discount above is for representative Part No. It may differ by the Part.

* The above is a 6-core cross-sectional view

Length 100=100m/roll

Material Conductor Copper
Sheath PVC

1 Type	2 Conductor Cross Section (mm ²)	3 Number of Cores	4 Length (m)	AWG Size (AWG)	Twisting Structure	Number of Wire Cores	Cable O.D. (mm)	Reference Mass kg/km	Electrical Properties				Conductor		Insulation		Sheath		
									Allowable Current MAX A (30°C)	Conductor Resistance Ω/km (20°C)	Insulation Properties MQ/km (20°C)	Max Voltage V/minute	Core Wire Structure pcs/mm	O.D. approx. (mm)	Thickness (mm)	Material	Wire Core O.D. approx. (mm)	Thickness (mm)	Material
TRVVP	0.15	2	100 *(1-100)	26	Twisted	2	4.5	31	3.8	140 or Less	10 or More	2000	PVC	PVC	13/ 0.12	0.5	0.3	1.1	
		3				4.7	34	3.2											
		4				5.0	38	2.9											
		5				5.3	44	2.6											
		6				5.6	49	2.5											
		6				5.6	49	2.5											
	0.2	2		24	Twisted	2	4.7	34	4.7	94.2 or Less	10 or More	2000	PVC	PVC	19/ 0.12	0.6	0.3	1.2	0.9
		3				4.9	39	4.0											
		4				5.2	44	3.6											
		5				5.5	50	3.3											
		6				5.9	58	3.1											
		6				5.9	58	3.1											
	0.3	2		22	Twisted	2	5.0	38	5.5	69.2 or Less	10 or More	2000	PVC	PVC	24/ 0.12	0.65	0.35	1.35	1.0
		3				5.2	44	4.6											
		4				5.6	52	4.1											
		5				5.9	58	3.8											
		6				6.4	67	3.6											
		6				6.4	67	3.6											
0.5	2	20	Twisted	2	6.1	59	8.6	39 or Less	10 or More	2000	PVC	PVC	42/ 0.12	0.9	0.45	1.8	1.0		
	3			6.4	72	7.2													
	4			6.8	83	6.5													
	5			7.4	98	6.0													
	6			7.9	116	5.7													
	6			7.9	116	5.7													

*(1-100) :In some areas, this cable is provided in units of 1m. Please check MISUMI official website for details.

Ordering Example: Please order after selecting part number and parameters according to the selection steps 1 to 4.

Part Number (1) Type - 2 Conductor Cross Section - 3 Number of Cores - 4 Length

TRVVP - 0.3 - 4 - 100

How to search on website

By Type: Search on MISUMI official website

By Keyword: Step 1 Search on MISUMI official website Step 2 Select MISUMI economy series brand

Keywords: TRVVP, machinery cable

Checkboxes: MISUMI MISUMI economy

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- 3
- Cable Carriers / Cables / Heat Shrink Tubes / Fans / Network / USB Adapter / Switching Hubs
- Cable Carriers
- P.445
- Machinery Cables
- P.455
- Cables for Signals
- P.461
- Heat Shrink Tubes
- P.468
- Fans
- P.480
- Network Communication
- P.484
- Switching Hubs
- P.489

Representative model: TRVVPS-0.2-3P-100

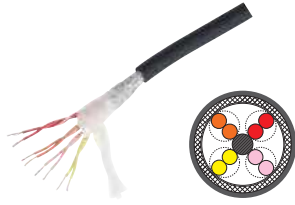
Save Up to **58%** vs Standard Type

Shipping from 1 day

5,500 THB

Volume Discount

Quantity	1~3	4~5	6~
Discount	Unit Price	15%	30%



* The above is a 8-core cross-sectional view

Shipping days may differ by Quantity.

Quantity of volume discount above is for representative Part No. It may differ by the Part.

Length 100=100m/roll

Material Conductor Copper Sheath PVC

Type	Conductor Cross Section (mm ²)	Number of Pairs	Length (m)	AWG Size (AWG)	Twisting Structure	Number of Wire Cores	Cable O.D. (mm)	Reference Mass kg/km	Electrical Properties			Conductor		Insulation		Sheath		
									Allowable Current MAX A (30°C)	Conductor Resistance Ω/km (20°C)	Insulation Properties MQ/km (20°C)	Max Voltage V/minute	Core Wire Structure pcs/mm	O.D. approx. (mm)	Thickness (mm)	Material	Wire Core O.D. approx. (mm)	Thickness (mm)
TRVVPS	0.15	1P	100 *(1-100)	26	Twisted Pair	2	4.5	31	3.8	140 or Less	10 or More	2000	13/0.12	0.5	PVC	1.1	0.9	PVC
		2P				4	5.6	47	3									
		3P				6	6.2	57	2.6									
		4P				8	6.4	67	2.3									
		5P				10	7.2	76	2.1									
		6P				12	7.7	83	2									
		7P				14	8.3	90	1.9									
		8P				16		107										
		9P				18	8.9	116	1.8									
		10P				20		121	1.7									
		20P				40	12.5	227	1.4									
		0.2				1P	2	4.7	34									
	2P		4	5.9	52	3.7												
	3P		6	6.6	66	3.2												
	4P		8	7.1	79	3.2												
	5P		10	7.6	90	3.0												
	6P		12	8.2	102	2.8												
	7P		14	8.8	106	2.6												
	8P		16	9.4	131	2.4												
	9P		18	9.7	141	2.2												
	10P		20		148	2.1												
	20P		40	13.6	280	1.7												
	0.3		1P	2	5.0	38	5.5	69.2 or Less	24/0.12	0.65	1.35	0.35	PVC	1.35	1	PVC		
		2P	4	6.3	60	4.3												
		3P	6	7.1	77	3.7												
		4P	8	7.9	93	3.4												
		5P	10	8.5	111	3.2												
		6P	12	9.2	126	3.0												
		7P	14	9.9	131	2.8												
		8P	16	10.5	156	2.7												
		9P	18	10.6	169	2.6												
		10P	20		177	2.5												
		20P	40	14.9	339	2.0												
		0.5	1P	2	5.9	52	7.8										39 or Less	42/0.12
	2P		4	7.6	86	6.2												
	3P		6	8.7	113	5.4												
	4P		8	9.7	143	4.9												
	5P		10	10.5	166	4.6												
	6P		12	11.8	202	4.3												
	7P		14	12.7	213	4.0												
	8P		16	13.8	261	4.0												
	9P		18		281	3.8												
	10P		20		296	3.6												

* Model TRVVPS-0.5-8P-100 is not sold for the time being.

*(1-100) :In some areas, this cable is provided in units of 1m. Please check MISUMI official website for details.

Ordering Example: Please order after selecting part number and parameters according to the selection steps 1 to 4.

Part Number (1)Type - Conductor Cross Section - Number of Pairs - Length

TRVVPS - 0.2 - 3P - 100

How to search on website

By Type: Search on MISUMI official website **TRVVPS**

By Keyword: Step 1 Search on MISUMI official website **machinery cable** Step 2 Select MISUMI economy series brand MiSUMI MISUMI economy

MISUMI contact: Tel: 038-959200 or 1382 Email: cs@misumi.co.th

MISUMI WEB "Chat"

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3 Cable Carriers (Cables Heat Shrink Tubes Fans Network USB Adapter Switching Hubs)

Cable Carriers

P.445 Machinery Cables

P.455 Cables for Signals

P.461 Heat Shrink Tubes

P.468 Fans

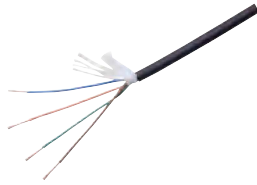
P.480 Network Communication

P.484 Switching Hubs

P.489

New Products

Representative model: E-GR1000-TRVV-0.2-4-100



3,646

THB

Shipping from **1 day**

Volume Discount

Quantity	1~3	4~5	6~
Discount	Unit Price	15%	30%

Shipping days may differ by Quantity.

Quantity of volume discount above is for representative Part No. It may differ by the Part.

* The above is a 4-core product

Length 100=100m/roll

Material Conductor Copper
Sheath PVC

Part Number	Conductor Cross Section (mm ²)	Number of Cores (Twisted Pair Structure)	Length (m)	AWG	Cable O.D. (mm)	Reference Mass (kg/km)	Electrical Properties				Conductor		Insulation		Sheath (PVC)		
							Allowable Current MAX A (30°C)	Conductor Resistance Ω/km (20°C)	Insulation Properties MΩ/km (20°C)	Max Voltage V/minute	Core Wire Structure pcs/mm	O.D. approx. (mm)	Thickness (mm)	Wire Core O.D. approx. (mm)	Thickness (mm)		
E-GR1000-TRVV	0.2	2	100 *(1-100)	24	4.3	24	87.6 or Less	10 or More	2000	41/0.08	0.59	0.3	1.19	0.9			
		3			4.5	29									4.9		
		4			4.8	33									4.4		
		6			5.5	45									3.8		
		8			6.2	57									3.5		
		10			6.7	66									3.3		
		12			6.8	74									3		
		20			8.2	111									2.5		
	0.3	2		23	4.5	28	7.2	63.2 or Less	10 or More	2000	60/0.08	0.72	0.3	1.32	0.9		
		3			4.8	34	6.1										
		4			5.1	40	5.4										
		5			5.5	48	4.9										
		6			5.9	54	4.7										
		8			6.7	70	4.4										
		10			7.2	81	4										
		12			7.4	91	3.8										
	0.5	2		20	5	39	10.2	34.4 or Less	10 or More	2000	108/0.08	0.96	0.3	1.56	0.9		
		3			5.3	45	8.6										
		4			5.7	55	7.7										
		5			6.1	66	7.4										
		6			6.6	77	6.7										
		8			7.5	98	6.2										
		10			8.3	119	5.8										
		12			8.6	134	5.4										
	0.75	2		18	6	52	13.5	21.8 or Less	10 or More	2000	7/23/0.08	1.35	0.35	2.05	0.9		
		3			6.3	65	11.3										
		4			6.9	79	10.2										
		6			8.3	115	9										
		8			9.5	150	8.3										
		9			10.1	163	5.7										
		10			10.8	203	7.2										
		12															

* (1-100) :In some areas, this cable is provided in units of 1m. Please check MISUMI official website for details.

Please order after selecting part number and parameters according to the selection steps 1 to 4.

Ordering Example
 Part Number (1)Type - (2)Cross Section - (3)Number of Core Wires - (4)Length
 E-GR1000-TRVV - 0.2 - 4 - 100

How to search on website

By Type: Search on MISUMI official website

By Keyword: Step 1 Search on MISUMI official website Step 2 Select MISUMI economy series brand
 MISUMI MISUMI economy

MISUMI contact

Tel: 038-959200 or 1382
 Email: cs@misumi.co.th

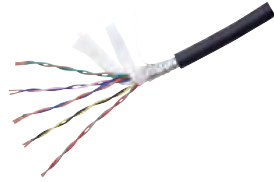
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New Products



Representative model: E-GR1000-TRVVPS-0.12-2P-100

Save Up to **46%** vs Standard Type

7,286 THB

Shipping from **1 day**

Volume Discount

Quantity	1~3	4~5	6~
Discount	Unit Price	15%	30%

Shipping days may differ by Quantity.

Quantity of volume discount above is for representative Part No. It may differ by the Part.

* The above is a 8-core product

Length 100=100m/roll

Material Conductor Copper Sheath PVC

Part Number	Type	Cross Section (mm ²)	Number of Pairs (Twisted Pair Structure) 1P=2 Cores	Length (m)	AWG	Number of Core Wires	Cable O.D. (mm)	Reference Mass (kg/km)	Electrical Properties				Conductor (Non-Electroplating)		Insulation (PVC)		Wire Core O.D. approx. (mm)	Sheath (PVC) Thickness (mm)
									Allowable Current MAX A (30°C)	Conductor Resistance Ω/km (20°C)	Insulation Properties MΩ/km (20°C)	Max Voltage V/minute	Core Wire Structure pcs/mm	O.D. approx. (mm)	Thickness (mm)			
E-GR1000-TRVVPS	0.12	2P	2P	100	26	4	5.6	50	3.3	124 or Less	10 or More	2000	30/0.08	0.51	0.3	1.11	0.9	
						6	6.3	62	2.9									
						8	6.7	72	2.6									
						10	7.3	84	2.4									
	0.2	1P	2P	2P	100	24	2	4.7	37	6	87.6 or Less	10 or More	2000	41/0.08	0.59	0.3	1.19	0.9
							4	5.8	55	4.7								
		3P	2P	2P	100	24	6	6.5	66	4	63.2 or Less	10 or More	2000	60/0.08	0.72	0.3	1.32	0.9
							8	7	78	3.6								
		4P	2P	2P	100	24	10	7.8	93	3.4	34.4 or Less	10 or More	2000	108/0.08	0.96	0.3	1.56	1
							12	8.4	106	3.2								
	20P	2P	2P	100	24	40	13.1	269	2.2	108/0.08	10 or More	2000	108/0.08	0.96	0.3	1.56	1.1	
						40	13.1	269	2.2									
	0.3	1P	2P	2P	100	23	2	4.9	44	7.4	63.2 or Less	10 or More	2000	60/0.08	0.72	0.3	1.32	0.9
							4	6.2	66	5.9								
		3P	2P	2P	100	23	6	7	82	5.1	34.4 or Less	10 or More	2000	108/0.08	0.96	0.3	1.56	1
							8	7.6	97	4.6								
		5P	2P	2P	100	23	10	8.2	116	4.3	108/0.08	10 or More	2000	108/0.08	0.96	0.3	1.56	1.1
							12	9	134	4								
		6P	2P	2P	100	23	16	10.4	177	3.8	108/0.08	10 or More	2000	108/0.08	0.96	0.3	1.56	1.2
							20	10.7	189	3.7								
	10P	2P	2P	100	23	40	14.5	337	2.7	108/0.08	10 or More	2000	108/0.08	0.96	0.3	1.56	1.1	
						40	14.5	337	2.7									
	0.5	1P	2P	2P	100	20	2	5.4	50	10.5	34.4 or Less	10 or More	2000	108/0.08	0.96	0.3	1.56	0.9
							4	6.9	83	8.3								
		3P	2P	2P	100	20	6	7.9	108	7.3	34.4 or Less	10 or More	2000	108/0.08	0.96	0.3	1.56	1
							8	8.7	134	6.5								
		4P	2P	2P	100	20	10	9.5	156	6.1	108/0.08	10 or More	2000	108/0.08	0.96	0.3	1.56	1.1
							12	10.4	186	5.7								
	5P	2P	2P	100	20	12	10.4	186	5.7	108/0.08	10 or More	2000	108/0.08	0.96	0.3	1.56	1.1	
						12	10.4	186	5.7									
6P	2P	2P	100	20	12	10.4	186	5.7	108/0.08	10 or More	2000	108/0.08	0.96	0.3	1.56	1.1		
					12	10.4	186	5.7										

* (1-100) :In some areas, this cable is provided in units of 1m. Please check MISUMI official website for details.

Please order after selecting part number and parameters according to the selection steps 1 to 4.

Ordering Example: Part Number (1)Type - (2)Cross Section - (3)Number of Core Wires - (4)Length
 E-GR1000-TRVVPS - 0.12 - 2P - 100

How to search on website

By Type: Search on MISUMI official website

By Keyword: Step 1 Search on MISUMI official website Step 2 Select MISUMI economy series brand MISUMI MISUMI economy

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MISUMI WEB "Chat":

Install MISUMI APP:

3 Cable Carriers (Cables Heat Shrink Tubes Fans Network USB Adapter Switching Hubs)

Cable Carriers P.445

Machinery Cables P.455

Cables for Signals P.461

Heat Shrink Tubes P.468

Fans P.480

Network Communication P.484

Switching Hubs P.489

Economy series Network Cables

Movable or Fixed Application

CAT5e/CAT6A/PROFINET Network Protocol



3

Cable Carriers / Cable Heat Shrink Tubes
Fans / Network USB Adapter / Switching Hubs

Cable Carriers

P.445

Machinery Cables

P.455

Cables for Signals

P.461

Heat Shrink Tubes

P.468

Fans

P.480

Network Communication

P.484

Switching Hubs

P.489

Product Categories

Network Protocol	Structure	
PROFINET		
	Fixed Mounting	Movable Mounting 5 Million Cycles
CAT5e		
	Fixed Mounting	Movable Mounting 5 Million Cycles
CAT6A		
	Fixed Mounting	Movable Mounting 10 Million Cycles

Product Features

Passing FLUKE test
Stable transmission
Strong interference resistance

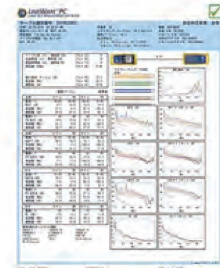
FLUKE

● Inspection Method



Testing Tool

The internationally renowned Fluke inspection instruments are used to check all products leaving the factory.



Test Result

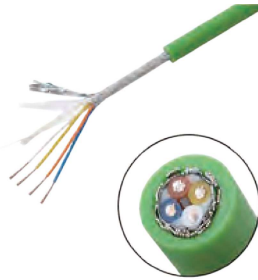
Example of Fluke test pass report

Example of Use



New Products

Representative model: E-PROFINET-5E-100



Shipping from 1 day

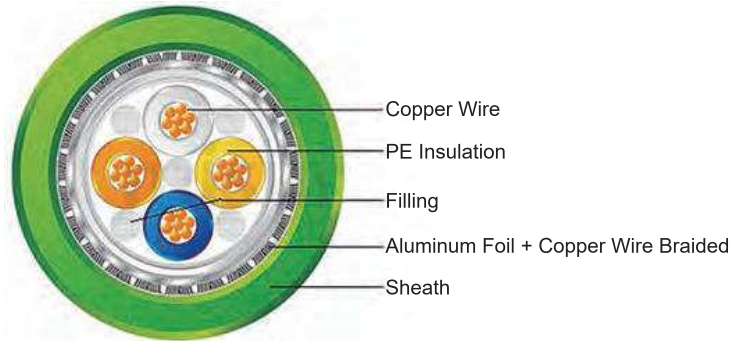
6,347 THB

Volume Discount

Quantity	1~3	4~5	6~
Discount	Unit Price	15%	30%

Shipping days may differ by Quantity.

Quantity of volume discount above is for representative Part No. It may differ by the Part.



- Aluminum Foil + Braided Shielding
- Green Sheath
- Whole roll of 100m

Material Conductor Copper
Sheath PVC / TPE

Part Number	Properties	Cross Section (mm ²)	AWG Specification	Number of Cores	Length	Cable O.D. (mm)	Conductor		Insulation			Sheath	
							Core Wire Structure pcs/mm	Electroplating	Average Thickness (mm)	Material	O.D.	Average Thickness (mm)	Material
E-PROFINET-5E-100	Fixed use	0.2	24	4	100m whole roll orders	6.2 (±3%)	7/0.19 (±0.4%)	Not Provided	0.24	PE	1.05±5%	1.1	PVC
E-PROFINET-5E-FLEX-100	Movable use						25/0.10 (±0.3%)		0.22		1.03±5%		TPE

Ordering Example

Part Number
E-PROFINET-5E-100

How to search on website



By Type: Search on MISUMI official website
E-PROFINET-5E-100

By Keyword: Step 1 Search on MISUMI official website
network cable

Step 2 Select MISUMI economy series brand

MISUMI MISUMI economy

MISUMI contact

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Email: cs@misumi.co.th

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3
Cable Carriers / Cables / Heat Shrink Tubes
Fans / Network / USB Adapter / Switching Hubs
Cable Carriers
P.445
Machinery Cables
P.455
Cables for Signals
P.461
Heat Shrink Tubes
P.468
Fans
P.480
Network Communication
P.484
Switching Hubs
P.489

New Products

Representative model: E-CAT5E-100



Shipping from **1 day**

3,860

THB

Volume Discount

Quantity	1~3	4~5	6~
Discount	Unit Price	15%	30%

Shipping days may differ by Quantity.

Quantity of volume discount above is for representative Part No. It may differ by the Part.

3
Cable Carriers / Cable Carriers / Heat Shrink Tubes / Fans / Network / USB Adapter / Switching Hubs

Cable Carriers

P.445

Machinery Cables

P.455

Cables for Signals

P.461

Heat Shrink Tubes

P.468

Fans

P.480

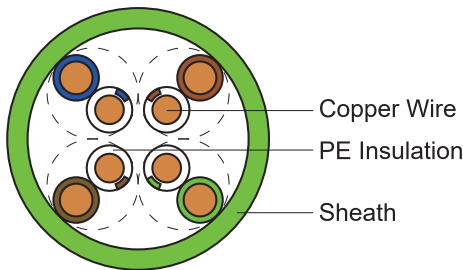
Network Communication

P.484

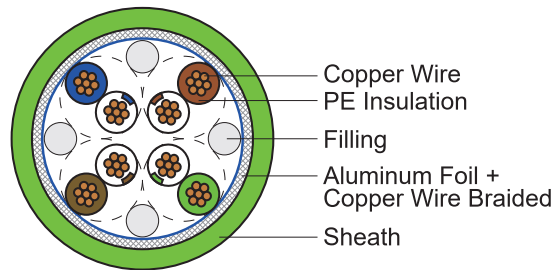
Switching Hubs

P.489

Fixed use



Movable use



Green Sheath
Whole roll of 100m

Material Conductor Copper
Sheath PVC

Part Number	Properties	Shielded	Cross Section (mm ²)	AWG Specification	Number of Cores	Length	Cable O.D. (mm)	Conductor		Insulation			Sheath	
								Core Wire Structure pcs/mm	Electro plating	Average Thickness (mm)	Material	O.D.	Average Thickness (mm)	Material
E-CAT5E-100	Fixed use	Not Provided	0.2	24	8	100m whole roll orders	5.8 (±3%)	0.49 (±2%)	Not Provided	0.21	PE	0.95±5%	0.9	PVC
E-CAT5E-FLEX-100	Movable use	Aluminum Foil + Braided Shielding	0.12	26			6.5 (±3%)	19/0.10 (±0.3%)				1±5%	1.1	

Ordering Example

Part Number
E-CAT5E-100

How to search on website



By Type
Search on MISUMI official website
E-CAT5E-100

By Keyword
Step 1 Search on MISUMI official website
network cable

Step 2 Select MISUMI economy series brand

MISUMI MISUMI economy

MISUMI contact

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New Products

Representative model: E-CAT6A-100



Shipping from **1 day**

6,769

THB

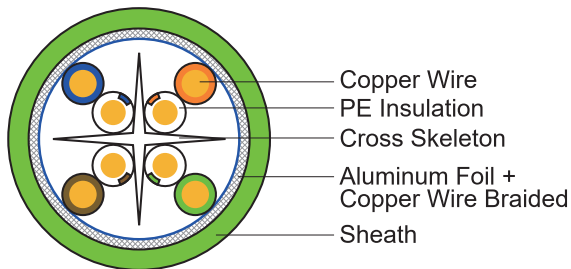
Volume Discount

Quantity	1~3	4~5	6~
Discount	Unit Price	15%	30%

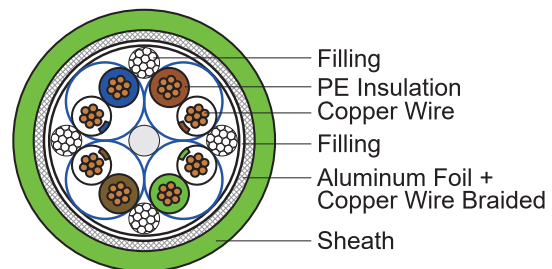
Shipping days may differ by Quantity.

Quantity of volume discount above is for representative Part No. It may differ by the Part.

Fixed use



Movable use



- Aluminum Foil + Shielded Braiding
- Green Sheath
- Whole roll of 100m

Material Conductor Copper
Sheath PVC / TPE

Part Number	Properties	Cross Section (mm ²)	AWG Specification	Number of Cores	Length	Cable O.D. (mm)	Conductor		Insulation			Sheath	
							Core Wire Structure pcs/mm	Electro plating	Average Thickness (mm)	Material	O.D.	Average Thickness (mm)	Material
E-CAT6A-100	Fixed use	0.25	24	8	100m whole roll orders	6.9 (±3%)	0.566 (±2%)	Not Provided	0.23	PE	1.03±5%	1	PVC
E-CAT6A-FLEX-100	Movable use	0.2				7.2 (±3%)	40/0.08 (±0.3%)				1±5%		PUR

Ordering Example

Part Number
E-CAT6A-100

How to search on website



By Type Search on MISUMI official website
E-CAT6A-100

By Keyword Step 1 Search on MISUMI official website
network cable

Step 2 Select MISUMI economy series brand

MISUMI MISUMI economy

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3

Cable Carriers / Cables / Heat Shrink Tubes
Fans / Network / USB Adapter / Switching Hubs

Cable Carriers

P.445

Machinery Cables

P.455

Cables for Signals

P.461

Heat Shrink Tubes

P.468

Fans

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Network Communication

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Switching Hubs

P.489

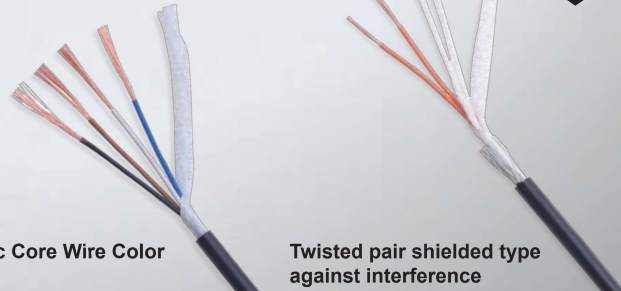
Economy series Cables for Signals, 30V

Suitable for low voltage devices,
sensors

Tough Sheath

Thinner O.D.

vs Standard Type
Saving
up to
30%

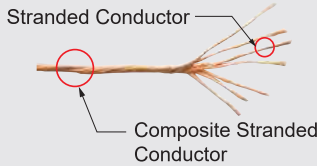


Sensor Cable-Specific Core Wire Color

Twisted pair shielded type
against interference

Product Features

Conductor



99.99% Pure Copper

Conductivity
Ductility

Sheath

Ordinary PVC material

Low stretch rate and much filler

Large Outer Diameter

Generic products on the market *



O.D. Max. 25%

Smaller ↓

High strength PVC coating

High stretch rate and little filler

Small Diameter

MISUMI Economy series

* Generic products on the market are similar products randomly purchased by our company from online or offline markets.

Product Type

Series	Non-Shielded	Shielded Twisted Pair
Product Picture		
Core Number Range	2 to 20 Cores	2 to 20 Cores
Cross Section Range	0.08, 0.2, 0.3mm ²	0.12, 0.2, 0.3mm ²
Product Features	OMRON sensor cable-specific color	Shielding + twisted pair against interference

3

Cable Carriers / Cable Heat Shrink Tubes / Fans / Network / USB Adapter / Switching Hubs

Cable Carriers

P.445

Machinery Cables

P.455

Cables for Signals

P.461

Heat Shrink Tubes

P.468

Fans

P.480

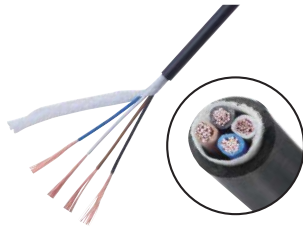
Network Communication

P.484

Switching Hubs

P.489

Representative model: C-AVVR30-0.3-4-100



Save Up to **30%**
vs Standard Type

Shipping from **1 day**

2,059 THB

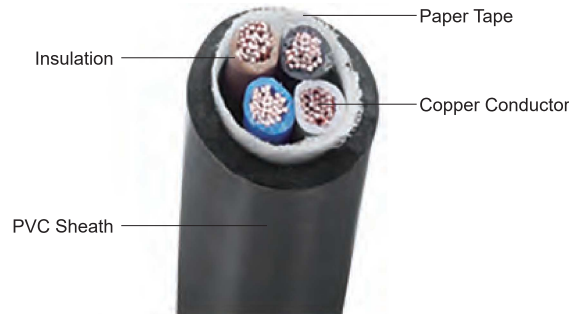
Volume Discount

Quantity	1~3	4~5	6~
Discount	Unit Price	15%	30%

Shipping days may differ by Quantity.

Quantity of volume discount above is for representative Part No. It may differ by the Part.

* The above is a 4-core cross-sectional view



Cables for Signals
 100-meter whole roll

Material: Conductor Copper
Sheath and Insulation PVC

Part Number		③ Conductor Cross Section (mm ²)	AWG Size (AWG)	④ Number of Cores	⑤ Length (m)	Core Wire Structure	Cable O.D. (mm)	Reference Mass (kg/km)	
① Type	② Rated Voltage (V)								
C-AVVR	30	0.08	28	3	100	Twisted	2.6	10	
				4			2.8	12	
				6			3.2	16	
				10			3.9	24	
		0.2	24	2			3.2	14	
				3			3.3	17	
	0.3	22	0.3	22			4	3.5	21
							6	4.1	29
							8	4.7	37
							10	5.2	47
							14	5.6	58
							2	3.4	18
				3	3.6	22			
				4	3.8	26			
				6	4.1	31			
				8	4.4	37			
				10	5.3	49			
				12	5.8	66			
				20	7.1	102			

Please order after selecting part number and parameters according to the selection steps ① to ⑤.

Ordering Example

Part Number (①Type ②Rated Voltage) - ③Conductor Cross Section - ④Number of Cores - ⑤Length
C-AVVR30 - 0.3 - 4 - 100

How to search on website



By Type

Search on MISUMI official website

C-AVVR

By Keyword

Step 1 ▶ Search on MISUMI official website

sensor cable

Step 2 ▶ Select MISUMI economy series brand

MISUMI



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3

Cable Carriers (Cables Heat Shrink Tubes Fans Network USB Adapter Switching Hubs

Cable Carriers

P.445

Machinery Cables

P.455

Cables for Signals

P.461

Heat Shrink Tubes

P.468

Fans

P.480

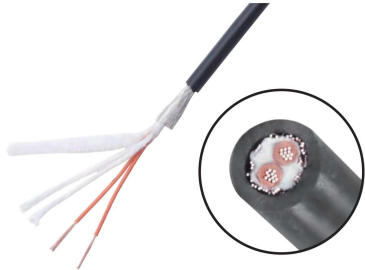
Network Communication

P.484

Switching Hubs

P.489

Representative model: C-RVVP30-0.12-1P-100



1,797 THB

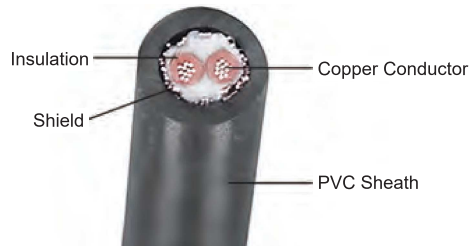
Volume Discount

Quantity	1~3	4~5	6~
Discount	Unit Price	15%	30%

ⓘ Shipping days may differ by Quantity.

ⓘ Quantity of volume discount above is for representative Part No. It may differ by the Part.

* The above is a 2-core cross-sectional view



ⓘ Cables for Signals
ⓘ 100-meter whole roll

Material: Conductor Copper
Sheath and Insulation PVC

- 3
- Cable Carriers / Cables / Heat Shrink Tubes / Fans / Network USB Adapter / Switching Hubs
- Cable Carriers
- Machinery Cables
- Cables for Signals
- Heat Shrink Tubes
- Fans
- Network Communication
- Switching Hubs

Part Number	Part Number		Conductor Cross Section (mm ²)	AWG Size (AWG)	Number of Pairs (1P=2-core)	Length (m)	Core Wire Structure	Number of Cores	Cable O.D. (mm)	Reference Mass (kg/km)
	Type	Rated Voltage (V)								
P.445	C-RVVP	30	0.12	26	1P	100	Twisted Pair	2	3.1	15
P.455					2P			4	4.1	27
					3P			6	4.3	31
					4P			8	4.7	36
					7P			14	5.5	49
					10P			20	7.2	82
P.461			1P	2	3.4			19		
			2P	4	4.8			35		
			3P	6	5			42		
			4P	8	5.4			50		
			5P	10	5.8			57		
P.468			10P	20	8			109		
			1P	2	3.6			23		
			2P	4	5.2			42		
			3P	6	5.4			51		
	4P	8	6.1	64						
P.480	10P	20	9	140						
	3P	6	7.3	85						
	0.5	21	3P							



Please order after selecting part number and parameters according to the selection steps 1 to 5.

Part Number (1 Type · 2 Rated Voltage) - 3 Conductor Cross Section - 4 Number of Pairs - 5 Length
 C-RVVP30 - 0.12 - 1P - 100



By Type Search on MISUMI official website
 C-RVVP

By Keyword Step 1 Search on MISUMI official website
 signal cable

Step 2 Select MISUMI economy series brand
 MISUMI MISUMI economy

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Economy series Heat Shrink Tubes

- High toughness and bending resistance
- Heat resistant and not prone to melting
- Excellent resistance to dust and water

vs Standard Type
Saving up to **78%**

3
Cable Carriers / Cables / Heat Shrink Tubes
Fans / Network / USB / Adapter / Switching Hubs

Range of Products & Features

Thin-Wall (Standard) Tubes	Thick-Wall Tubes	Heat Resistant Tubes
Flame Retardant Tubes / Ultra-Thin Tubes / Low Temp 90°C Tubes / Ground Coloring Tubes / Printable Tubes	3:1 Thick-Wall Tubes / 4:1 Thick-Wall Tubes / Capped	High Temperature Adhesive 120°C / Fluororubber 200°C / PTFE260°C
Generic products on the market *	Generic products on the market *	Generic products on the market *
Less tough, prone to breakage and aging	Easy ingress of water and moisture due to uneven hot melt adhesive	Easy to melt off due to inadequate fire rating
		
MISUMI economy series	MISUMI economy series	MISUMI economy series
Fast heat shrinkage	Excellent water resistance	High temperature resistance
 Highly tough and durable	 Hot melt adhesive evenly applied	 Not prone to melting under heat

* Generic products on the market are similar products randomly purchased by our company from online or offline markets.

Usage Method

Mount the heat shrink tube onto the cable to be protected

Heat it by a heat gun

Before Heat Shrinkage

After Heat Shrinkage

Comparison before and after heat shrinkage (left and right)

Cable Carriers

P.445

Machinery Cables

P.455

Cables for Signals

P.461

Heat Shrink Tubes

P.468

Fans

P.480

Network Communication

P.484

Switching Hubs

P.489

Representative model: MTUBE-B-1



Save Up to **50%**
vs Standard Type

225

THB

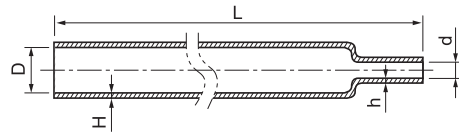


Volume Discount

Quantity	1~9	10~14	15~
Discount	Unit Price	15%	30%

Ⓜ Shipping days may differ by Quantity.

Ⓜ Quantity of volume discount above is for representative Part No. It may differ by the Part.



Material: Body: Polyolefin

① Type	② Color	③ Specifications	Packing Specification L	Before Shrinkage (mm)		After Shrinkage (mm)	
				I.D. D	Wall Thickness H	I.D. d	Wall Thickness h
MTUBE	B (Black)	0.6	100 m/roll	0.9±0.2	0.15±0.03	≤0.40	0.28±0.06
		0.8		1.1±0.2		≤0.50	0.30±0.06
		1		1.5±0.2		≤0.65	0.36±0.08
		2		0.20±0.04	2.5±0.2	≤1.00	0.40±0.08
		3			3.5±0.2	≤1.50	
		4		0.25±0.04	4.7±0.2	≤2.00	0.50±0.08
		5			5.5±0.2	≤2.50	
		6			6.5±0.2	≤3.00	
		7		0.28±0.04	7.5±0.3	≤3.50	0.55±0.08
		8			8.5±0.3	≤4.00	
		9			9.5±0.3	≤4.50	
		10		0.30±0.05	10.5±0.3	≤5.00	0.60±0.10
	11	11.5±0.3	≤5.50				
	12	12.5±0.3	≤6.00				
	15	0.40±0.08	15.5±0.4	≤7.50	0.75±0.10		
20	22.0±0.5		≤10.00				
30	31.5±1.0		≤15.00	0.95±0.10			

Ⓜ T (transparent model) has no flame retardant function.

Ordering Example Please order after selecting part number and parameters according to the selection steps ① to ③.

Part Number (① Type) - Color (②) - Specifications (③)
MTUBE - B - 1

How to search on website

By Type: Search on MISUMI official website

By Keyword: Step 1 Search on MISUMI official website Step 2 Select MISUMI economy series brand MISUMI MISUMI economy

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Representative model: MTUBE-CB-2

Save Up to **78%** vs Standard Type

246

THB

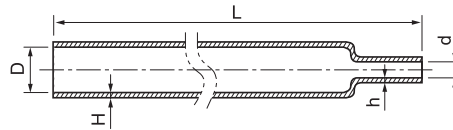


Volume Discount

Quantity	1~9	10~14	15~
Discount	Unit Price	15%	30%

Shipping days may differ by Quantity.

Quantity of volume discount above is for representative Part No. It may differ by the Part.



Material: Body: Polyolefin

1 Type	2 Specifications	Packing Specification L	Before Shrinkage (mm)		After Shrinkage (mm)	
			I.D. D	Wall Thickness H	I.D. d	Wall Thickness h
MTUBE-CB	0.6	100 m/roll	0.9±0.2	0.10±0.03	≤0.40	0.20±0.10
	0.8		1.1±0.2	0.11±0.03	≤0.50	
	1		1.5±0.2	0.12±0.03	≤0.65	
	2		2.5±0.3	0.13±0.03	≤1.00	0.22±0.10
	3		3.5±0.4	0.13±0.04	≤1.50	0.28±0.10
	4		4.5±0.4	0.15±0.04	≤2.00	0.30±0.10
	5		5.5±0.4		≤2.50	0.32±0.10
	6		6.5±0.4		≤3.00	
	7		7.5±0.4		≤3.50	
	8		8.5±0.5		≤4.00	
	9	9.5±0.5	≤4.50	0.35±0.10		
	10	10.5±0.5	50 m/roll	≤5.00	0.40±0.10	
	11	11.5±0.5		0.18±0.04		≤5.50
	12	12.5±0.5		0.20±0.05	≤6.00	
	15	15.5±0.5		≤7.50	0.45±0.10	
20	20.5±0.5	0.25±0.05		≤10.00		
25	25.5±0.5	≤12.50				



Please order after selecting part number and parameters according to the selection steps 1 to 2.

Part Number (1 Type) - 2 Specifications
 MTUBE-CB - 2

How to search on website



By Type

Search on MISUMI official website

MTUBE-CB

By Keyword

Step 1 Search on MISUMI official website

heat shrink tube

Step 2 Select MISUMI economy series brand

MISUMI



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3
 Cable Carriers / Cables / Heat Shrink Tubes
 Fans / Network / USB Adapter / Switching Hubs
 Cable Carriers P.445
 Machinery Cables P.455
 Cables for Signals P.461
 Heat Shrink Tubes P.468
 Fans P.480
 Network Communication P.484
 Switching Hubs P.489

Representative model: MTUBE-DW-4



601

THB

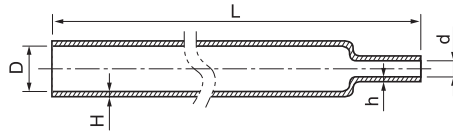


Volume Discount

Quantity	1~3	4~5	6~
Discount	Unit Price	15%	30%

📦 Shipping days may differ by Quantity.

📦 Quantity of volume discount above is for representative Part No. It may differ by the Part.



Material: Body: Polyolefin

① Type	② Specifications	Packing Specification L	Before Shrinkage (mm)		After Shrinkage (mm)		
			I.D. D	Wall Thickness H	I.D. d	Wall Thickness h	
MTUBE-DW	1	100 m/roll	1.5±0.3	0.20±0.05	0.6	0.33±0.06	
	2		2.5±0.3		1		
	3		0.25±0.05	3.5±0.3	1.5	0.44±0.06	
	4			4.5±0.3	2		
	5		0.28±0.05	5.5±0.3	2.5	0.56±0.06	
	6			6.5±0.3	3		
	7		50 m/roll	7.6±0.3	0.30±0.07	3.5	0.56±0.07
	8			8.6±0.3		4	
	9			9.6±0.3	4.5		
	10			10.7±0.4	5		
	11	11.7±0.4		5.5			
	12	12.7±0.4		6			
	15	15.7±0.5		0.35±0.08	7.5	0.69±0.08	
	20	21.0±0.5		0.40±0.10	10	0.77±0.10	

Ordering Example

Please order after selecting part number and parameters according to the selection steps ① to ②.

Part Number (①Type) **MTUBE-DW** - ②Specifications **4**



By Type:

By Keyword:

Step 1 ▶ Search on MISUMI official website Step 2 ▶ Select MISUMI economy series brand

MISUMI MISUMI economy

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Representative model: MTUBE-DB-3.2



Save Up to **36%**
vs Standard Type

906

THB

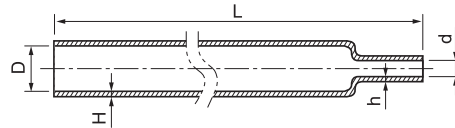


Volume Discount

Quantity	1~3	4~5	6~
Discount	Unit Price	15%	30%

Shipping days may differ by Quantity.

Quantity of volume discount above is for representative Part No. It may differ by the Part.



Material: Body: Polyolefin
Inner Layer: Hot Melt Adhesive

1 Type	2 Specifications	Packing Specification L	Before Shrinkage (mm)		After Shrinkage (mm)	
			I.D. D	Wall Thickness H	I.D. d	Wall Thickness h
MTUBE-DB	1.6	100 m/roll	2.00±0.20	0.30±0.10	0.7	0.55±0.15
	2.4		2.80±0.20	0.35±0.10	0.8	0.60±0.15
	3.2		3.80±0.20	0.40±0.10	1.05	1.00±0.15
	4.8		5.30±0.20	0.45±0.10	1.6	1.10±0.15
	6.4		7.30±0.30		2.1	1.15±0.15
	7.9		8.30±0.30	0.50±0.15	2.7	1.30±0.20
	9.5	50 m/roll	10.30±0.30	0.55±0.15	3.1	1.35±0.20
	12.7		13.30±0.30	0.60±0.15	4.2	1.60±0.20
	25.4	25 m/roll	26.00±0.50	0.75±0.18	8.4	2.05±0.25

Ordering Example

Please order after selecting part number and parameters according to the selection steps 1 to 2.

Part Number (1 Type) - 2 Specifications
MTUBE-DB - 3.2



By Type Search on MISUMI official website
MTUBE-DB

By Keyword Step 1 Search on MISUMI official website
heat shrink tube

Step 2 Select MISUMI economy series brand
 MISUMI MISUMI economy

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3

Cable Carriers / Cables / Heat Shrink Tubes
Fans / Network / USB Adapter / Switching Hubs

Cable Carriers

P.445

Machinery Cables

P.455

Cables for Signals

P.461

Heat Shrink Tubes

P.468

Fans

P.480

Network Communication

P.484

Switching Hubs

P.489

Representative model: MTUBE-DB-4



Save Up to **30%** vs Standard Type

1,212 THB

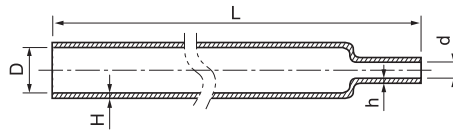


Volume Discount

Quantity	1~3	4~5	6~
Discount	Unit Price	15%	30%

Shipping days may differ by Quantity.

Quantity of volume discount above is for representative Part No. It may differ by the Part.



Material: Body: Polyolefin
Inner Layer: Hot Melt Adhesive

1 Type	2 Specifications	Packing Specification L	Before Shrinkage (mm)		After Shrinkage (mm)	
			I.D. D	Wall Thickness H	I.D. d	Wall Thickness h
MTUBE-DB	4	100 m/roll	4.30±0.20	0.40±0.10	1	1.10±0.15
	6		6.40±0.20	0.45±0.10	1.5	1.30±0.15
	8		8.30±0.30	0.50±0.15	2	1.35±0.20
	12	50 m/roll	13.30±0.30	0.55±0.15	3	1.75±0.20
	16		16.40±0.40	0.60±0.15	4	1.85±0.20
	20		20.50±0.50	0.65±0.20	5	2.10±0.30
	24		26.00±0.50		6	2.20±0.30
	32		25 m/roll	32.80±1.00	0.75±0.20	8



Please order after selecting part number and parameters according to the selection steps 1 to 2.

Part Number (1 Type) - 2 Specifications
MTUBE-DB - 4

How to search on website



By Type
Search on MISUMI official website
MTUBE-DB

By Keyword
Step 1 Search on MISUMI official website
heat shrink tube

Step 2 Select MISUMI economy series brand



3

Cable Carriers / Cables / Heat Shrink Tubes / Fans / Network / USB Adapter / Switching Hubs

Cable Carriers

P.445

Machinery Cables

P.455

Cables for Signals

P.461

Heat Shrink Tubes

P.468

Fans

P.480

Network Communication

P.484

Switching Hubs

P.489

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Representative model: MTUBE-YZ-6.4

Save Up to **66%** vs Standard Type

923

THB

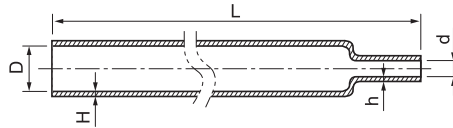


Volume Discount

Quantity	1~3	4~5	6~
Discount	Unit Price	15%	30%

Shipping days may differ by Quantity.

Quantity of volume discount above is for representative Part No. It may differ by the Part.



Material: Body: Polyolefin

1 Type	2 Specifications	Packing Specification L	Before Shrinkage (mm)		After Shrinkage (mm)	
			I.D. D	Wall Thickness H	I.D. d	Wall Thickness h
MTUBE-YZ	2.4	100 m/roll	2.4	0.25±0.05	1.2	0.51±0.10
	3.2		3.2		1.6	
	4.8		4.8		2.4	
	6.4		6.4	0.28±0.05	3.2	0.64±0.10
	9.5		9.5	0.30±0.07	4.8	
	12.7		12.7		6.4	

Ordering Example

Please order after selecting part number and parameters according to the selection steps 1 to 2.

Part Number (1 Type) - 2 Specifications
 MTUBE-YZ - 6.4

How to search on website



By Type Search on MISUMI official website
 MTUBE-YZ

By Keyword Step 1 Search on MISUMI official website
 heat shrink tube

Step 2 Select MISUMI economy series brand
 MISUMI MISUMI economy

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3

Cable Carriers / Cables / Heat Shrink Tubes
 Fans / Network / USB Adapter / Switching Hubs

Cable Carriers

P.445

Machinery Cables

P.455

Cables for Signals

P.461

Heat Shrink Tubes

P.468

Fans

P.480

Network Communication

P.484

Switching Hubs

P.489

Representative model: MTUBE-YG-8



Save Up to **68%**
vs Standard Type

Shipping
from
1 day

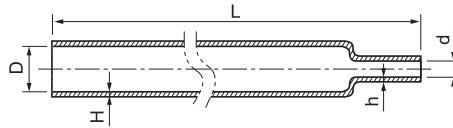
1,216 THB

Volume Discount

Quantity	1~3	4~5	6~
Discount	Unit Price	15%	30%

① Shipping days may differ by Quantity.

② Quantity of volume discount above is for representative Part No. It may differ by the Part.



Material: Body: Polyolefin

① Type	② Specifications	Packing Specification L	Before Shrinkage (mm)		After Shrinkage (mm)	
			I.D. D	Wall Thickness H	I.D. d	Wall Thickness h
MTUBE-YG	1	100 m/roll	1.50±0.3	0.18±0.08	≤0.70	0.28±0.10
	2		2.50±0.3	0.20±0.08	≤1.00	0.35±0.10
	3		0.22±0.08	3.50±0.4	≤1.50	0.38±0.10
	4			4.50±0.4	≤2.00	0.45±0.10
	5		0.25±0.08	5.50±0.4	≤2.50	0.50±0.10
	6			6.50±0.4	≤3.00	
	7	7.50±0.4		≤3.50		
	8	50 m/roll	0.28±0.08	8.50±0.5	≤4.00	0.55±0.10
	9			9.50±0.5	≤4.50	
	10			10.5±0.5	≤5.00	
	11			11.5±0.5	≤5.50	
	12			12.5±0.5	≤6.00	
	15			15.5±0.6	≤7.50	
	20	22.0±0.7	0.35±0.10	≤10.00	0.80±0.15	

Ordering Example

Please order after selecting part number and parameters according to the selection steps ① to ②.

Part Number (① Type) **MTUBE-YG** - ② Specifications **8**

How to search on website



By Type Search on MISUMI official website
MTUBE-YG

By Keyword Step 1 ▶ Search on MISUMI official website
heat shrink tube

Step 2 ▶ Select MISUMI economy series brand
 MISUMI

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Representative model: MTUBE-DBG-2.4



Save Up to **30%**
vs Standard Type

991

THB

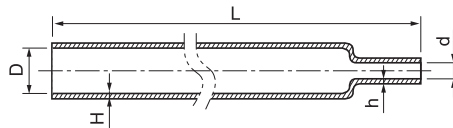


Volume Discount

Quantity	1~3	4~5	6~
Discount	Unit Price	15%	30%

Shipping days may differ by Quantity.

Quantity of volume discount above is for representative Part No. It may differ by the Part.



Material: Body: Polyolefin
Inner Layer: Hot Melt Adhesive

① Type	② Specifications	Packing Specification L	Before Shrinkage (mm)		After Shrinkage (mm)	
			I.D. D	Wall Thickness H	I.D. d	Wall Thickness h
MTUBE-DBG	2.4	100 m/roll	2.80±0.20	0.35±0.10	0.8	0.60±0.15
	3.2		3.80±0.20	0.40±0.10	1.05	1.00±0.15
	4.8		5.30±0.20	0.45±0.10	1.6	1.10±0.15
	6.4				2.1	1.15±0.15
	7.9	50 m/roll	8.30±0.30	0.50±0.15	2.7	1.30±0.20
	9.5		10.30±0.30	0.55±0.15	3.1	1.35±0.20
	12.7		13.30±0.30	0.60±0.15	4.2	1.60±0.20
	15.4		16.40±0.40	0.65±0.18	5.1	1.75±0.25
	19.1				6.3	1.85±0.25

Ordering Example

Please order after selecting part number and parameters according to the selection steps ① to ②.

Part Number (① Type) **MTUBE-DBG** - ② Specifications **2.4**

How to search on website



By Type Search on MISUMI official website
MTUBE-DBG

By Keyword Step 1 Search on MISUMI official website
heat resistant shrink tube

Step 2 Select MISUMI economy series brand

MISUMI **MISUMI economy**

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3
Cable Carriers / Cables / Heat Shrink Tubes
Fans / Network / USB Adapter / Switching Hubs
Cable Carriers
P.445
Machinery Cables
P.455
Cables for Signals
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Heat Shrink Tubes
P.468
Fans
P.480
Network Communication
P.484
Switching Hubs
P.489

Representative model: MTUBE-TFE-5



Save Up to **64%**
vs Standard Type

Shipping from **1 day**

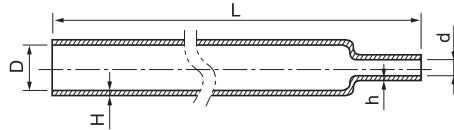
10,202 THB

Volume Discount

Quantity	1~3	4~5	6~
Discount	Unit Price	15%	30%

⚠ Shipping days may differ by Quantity.

⚠ Quantity of volume discount above is for representative Part No. It may differ by the Part.



Material: Body: Polytetrafluoroethylene (PTFE)

① Type	② Specifications	Packing Specification L	Before Shrinkage (mm)		After Shrinkage (mm)	
			I.D. D	Wall Thickness H	I.D. d	Wall Thickness h
MTUBE-TFE	1	100 m/roll	1.0±0.20	0.10±0.05	0.6	0.15±0.05
	2		2.0±0.20		1.2	
	3		3.0±0.20		1.8	
	4		4.0±0.30	2.4	0.20±0.05	
	5		5.0±0.30	3		
	6		6.0±0.30	3.5		
	7	50 m/roll	7.0±0.30	0.15±0.05	4	0.25±0.05
	8		8.0±0.30		4.7	
	9		9.0±0.30		5.3	
	10		10.0±0.30		6	
	12		12.0±0.40		7	
	15		15.0±0.50		8.6	

Ordering Example

Please order after selecting part number and parameters according to the selection steps ① to ②.

Part Number (① Type) **MTUBE-TFE** - ② Specifications **5**

How to search on website



By Type: Search on MISUMI official website
MTUBE-TFE

By Keyword: Step 1 ▶ Search on MISUMI official website
heat resistant shrink tube

Step 2 ▶ Select MISUMI economy series brand
 MISUMI

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Representative model: MTUBE-VT-6.4

Save Up to **63%** vs Standard Type

17,426 THB

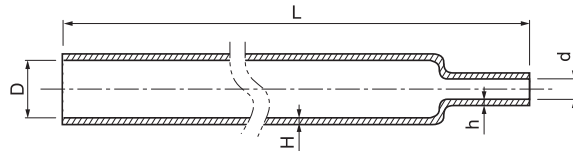
Shipping from **6 days**

Volume Discount

Quantity	1~3	4~5	6~
Discount	Unit Price	15%	30%

Shipping days may differ by Quantity.

Quantity of volume discount above is for representative Part No. It may differ by the Part.



Material: Body: Fluororubber

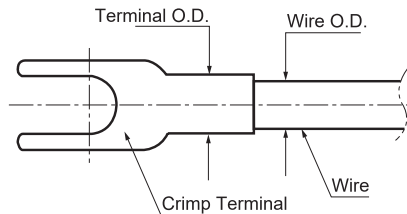
①Type	②Specifications	Packing Specification L	Before Shrinkage (mm)		After Shrinkage (mm)	
			I.D. D	Wall Thickness H	I.D. d	Wall Thickness h
MTUBE-VT	2.4	100 m/roll	≥2.4	0.35	≤1.2	0.70±0.2
	3.2		≥3.2	0.40	≤1.6	0.76±0.2
	4.8		≥4.8	0.50	≤2.4	0.89±0.2
	6.4		≥6.4	0.50	≤3.2	
	9.5	50 m/roll	≥9.5	0.55	≤4.8	
	12.7	25 m/roll	≥12.7	0.60	≤6.4	

Ordering Example

Please order after selecting part number and parameters according to the selection steps ① to ②.

Part Number (①Type) **MTUBE-VT** - ②Specifications **6.4**

Example of Heat Shrink Tube Specification Selection



Heat Shrink Tube Selection (For Wires)

Wire Section Area (mm ²)	Wire O.D. (φmm)	Applicable Heat Shrink Tube I.D. (Before Shrinkage) (φmm)
0.75	2.8	3.0
1.25	3.0	3.2
2.0	3.4	3.6
3.5	4.0	4.2
5.5	5.0	5.1

Heat Shrink Tube Selection (For Crimp Terminals)

Wire Section Area (mm ²)	Terminal O.D. (φmm)	Applicable Heat Shrink Tube I.D. (Before Shrinkage) (φmm)
0.75	3.0	3.2
1.25	3.2	3.4
2.0	3.9	4.0
3.5	5.0	5.1
5.5	5.4	5.5

How to search on website



By Type

Search on MISUMI official website

By Keyword

Step 1 Search on MISUMI official website

Step 2 Select MISUMI economy series brand

MISUMI MISUMI economy

3 Cable Carriers / Cables / Heat Shrink Tubes
Fans / Network / USB Adapter / Switching Hubs
Cable Carriers P.445
Machinery Cables P.455
Cables for Signals P.461
Heat Shrink Tubes P.468
Fans P.480
Network Communication P.484
Switching Hubs P.489

Representative model: MTUBE-GAP-10.85



Save Up to **66%** vs Standard Type

164

THB



Volume Discount

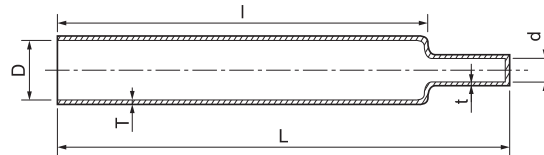
Quantity	1~9	10~14	15~
Discount	Unit Price	15%	30%

Shipping days may differ by Quantity.

Quantity of volume discount above is for representative Part No. It may differ by the Part.

3

Cable Carriers / Cables / Heat Shrink Tubes
Fans / Network, USB Adapter / Switching Hubs



Material: Body: Polyolefin
Inner Layer: Hot Melt Adhesive

Type	Specifications	Before Shrinkage (mm)				Size After Shrinkage (mm)	
		I.D. D	Wall Thickness T	Length of Inner Hole l	Total Length L	I.D. d (max.)	Wall Thickness t
MTUBE-GAP	5.72	5.30±0.20	0.45±0.10	30±0.50	40±0.50	1.6	1.10±0.15
	7.44	7.30±0.30				2.1	1.15±0.15
	10.85	10.30±0.30	0.55±0.15	40±0.50	45±0.50	3.1	1.35±0.20

Ordering Example

Please order after selecting part number and parameters according to the selection steps 1 to 2.

Part Number (1)Type - (2)Specifications
MTUBE-GAP - 10.85

How to search on website



By Type: Search on MISUMI official website
MTUBE-GAP

By Keyword: Step 1 Search on MISUMI official website
heat resistant shrink tube

Step 2 Select MISUMI economy series brand

MISUMI MISUMI economy

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Switching Hubs

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Economy series Fans



vs Standard Type
Saving up to
74%



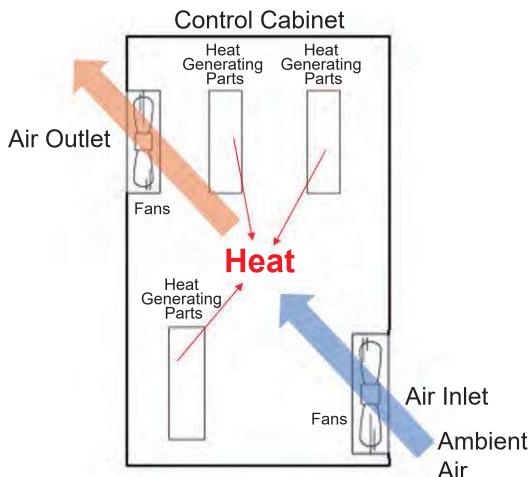
Adopts a functional unit for jam locking

Adopts a protection against reverse connection and short circuit

Adopts a thickened resin support

Product Functions

Internal heat is dissipated outside the cabinet to keep equipments inside working properly.



Advantage 1

The product used a jam locking function to ensure that the fan stops when it is jammed by a foreign object, preventing it from heating up and burning out.

Generic products on the market	MISUMI economy series
<p>Without a functional unit for jam locking</p>	<p>With jam locking protection function unit (integrated circuit)</p>

* This advantage is only available for some models, please refer to the product details page for details.

Advantage 2

The product adopts a protection against reverse connection and short circuit. It ensures that the fan does not burn out if the positive and negative terminals are connected incorrectly and it can work normally after correction.

Generic products on the market	MISUMI economy series
<p>Without a functional unit for reverse connection protection</p>	<p>With a functional unit for reverse connection protection (integrated circuit)</p>

* This advantage is only available for some models, please refer to the product details page for details.

Advantage 3

The internal resin support and double ball bearings are of high quality; the product has undergone high temperature aging and life testing and is of better quality than generic products on the market*.

Generic products on the market	MISUMI economy series
<p>Thin resin support wall</p>	<p>Thick resin support wall</p>

* Generic products on the market are similar products randomly purchased by our company from online or offline markets.

3

Cable Carriers / Cables / Heat Shrink Tubes / Fans / Network USB Adapter / Switching Hubs

Cable Carriers

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Machinery Cables

P.455

Cables for Signals

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Heat Shrink Tubes

P.468

Fans

P.480

Network Communication

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Switching Hubs

P.489

New Products



Representative model: E-1238D24-RF

Save Up to **74%** vs Standard Type

197 THB

Shipping from **1 day**

Volume Discount

Quantity	1~9	10~14	15~
Discount	Unit Price	15%	30%



Shipping days may differ by Quantity.
Quantity of volume discount above is for representative Part No. It may differ by the Part.

3
Cable Carriers / Cables / Heat Shrink Tubes
Fans / Network USB Adapter / Switching Hubs

Cable Carriers
P.445

Machinery Cables
P.455

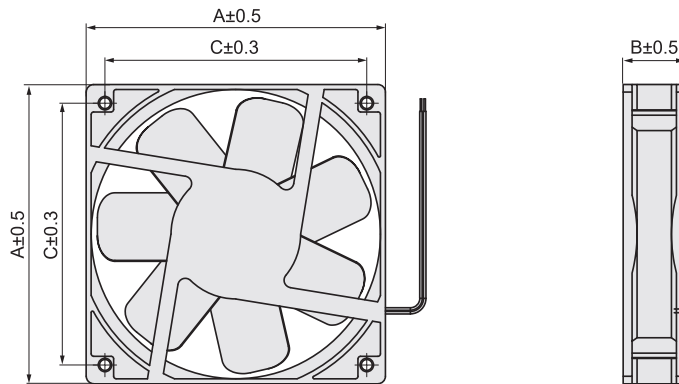
Cables for Signals
P.461

Heat Shrink Tubes
P.468

Fans
P.480

Network Communication
P.484

Switching Hubs
P.489



Lead Wire Equivalent to UL 1007
PIN1: Black Lead Wire (-)
PIN2: Red Lead Wire (+)
Length: 300±10(mm)

Material: PBT, Copper
Surface Treatment: Partially Tin Plated

Part Number	Edge Length A	Thickness B	Mounting Hole Distance C	Rated Voltage (V)	Operating Voltage Range (V)	Maximum Withstand Voltage (V)	Rated Current (A) (±10%)	Locking Current (A)	Rated Speed RPM±10% (min)	Airflow (CFM)	Static Pressure (mmH ₂ O)	Noise (dBA)	Stall Lock Function	Reverse Connection Protection Function	Lock Sensing Output
E-1238D24-RF	120	38	105.25	24	12~26	27	0.15	0.02 (Max)	2600	95.17	5.58	41	Provided		-
E-1238D24-SRF	120	38	105.25				Provided		-						
E-1225D24-RF	120	25	105				0.20	3750	107.5	7.6	51.5	Provided	-		
E-1225D24-SRF	120	25	105				Provided	-							
E-9238D24-RF	92	38	83				0.82	6500	133	24.24	65.6	Provided	-		
E-9225D24-F	92	25	82				0.15	3000	52.5	3.67	39.3		-	-	
E-8025D24-F	80	25	71.4				0.10	3600	45.5	5.8	37.5	-		-	
E-6025D24-F	60	25	50.2				0.10	4500	24.3	4.6	37.7		-	-	
E-4010D24-F	40	10	32.2				0.05	6600	7.2	3.5	33.6	-		-	

Ordering Example

Part Number
E-1238D24-RF

How to search on website



Search on MISUMI official website

By Type:

Step 1 Search on MISUMI official website

By Keyword:

Step 2 Select MISUMI economy series brand

MISUMI MISUMI economy

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New Products



Representative model: E-1238A220

Save Up to **73%** vs Standard Type

253

THB

Shipping from **1 day**

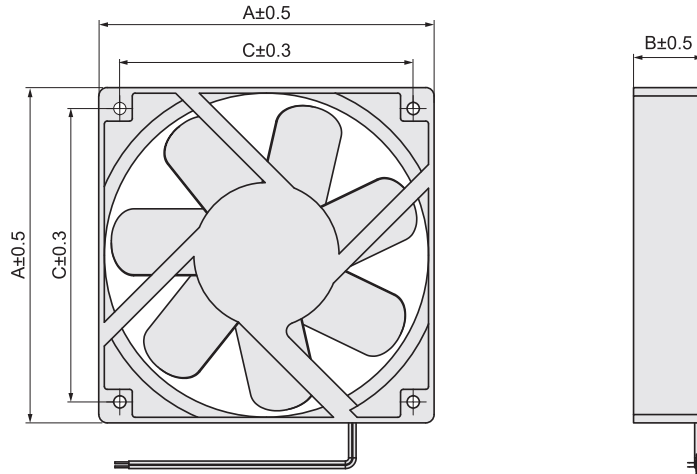
Volume Discount

Quantity	1~9	10~14	15~
Discount	Unit Price	15%	30%



Shipping days may differ by Quantity.

Quantity of volume discount above is for representative Part No. It may differ by the Part.



Lead Wire Equivalent to UL 1007
PIN1: Black
PIN2: Black
Length: 300±10(mm)

Material: PBT, Copper
Surface Treatment: Partially Tin Plated

Part Number	Edge Length A	Thickness B	Mounting Hole Distance C	Rated Voltage (V)	AC Operating Voltage Range (V)	DC Operating Voltage Range (V)	Maximum Withstand Voltage (V)	Rated Current (A) (±10%)	Rated Speed RPM±10% (min)	Airflow (CFM)	Static Pressure (mmH ₂ O)	Noise (dBA)
E-1238A220	120	38	105.25	220	110~230	90~220	230	0.05	2600	95.17	5.58	41
E-1225A220	120	25	105					0.04	2200	53.3	2.8	36.6
E-8025A220	80	25	71.4					0.015	2000	24.4	2	25.5

Ordering Example

Part Number
E-1238A220

How to search on website



By Type: Search on MISUMI official website

By Keyword: Step 1 Search on MISUMI official website

Step 2 Select MISUMI economy series brand

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3

Cable Carriers / Cables / Heat Shrink Tubes
Fans / Network USB Adapter / Switching Hubs

Cable Carriers

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Machinery Cables

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Cables for Signals

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New Products

Representative model: E-PF-120



31

THB

Shipping from **1 day**

Volume Discount

Quantity	1~29	30~49	50~
Discount	Unit Price	15%	30%



Shipping days may differ by Quantity.
Quantity of volume discount above is for representative Part No. It may differ by the Part.

3
Cable Carriers / Cables / Heat Shrink Tubes
Fans / Network USB Adapter / Switching Hubs

Cable Carriers

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Cables for Signals

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Heat Shrink Tubes

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Fans

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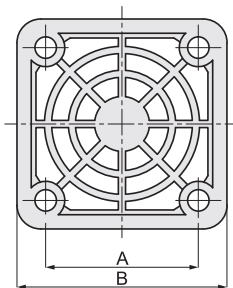
Network Communication

P.484

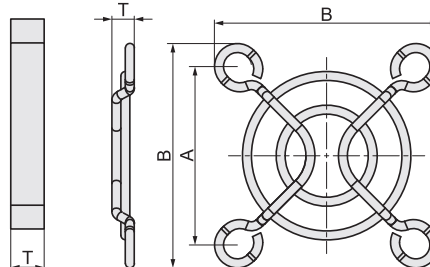
Switching Hubs

P.489

Filter



Protective Cover



Filter
Material: ABS Resin
Protective Cover
Material: Iron
Surface Treatment: Zinc Plated

Series	Part Number	Applicable Fan Edge Length	Parallel Mounting Hole Distance A	Edge Length B	Thickness T	Mounting Screw Specifications (Not Included)
Filter	E-PF-40	40	32	44	7	M4
	E-PF-60	60	50	64		
	E-PF-80	80	71.5	87	10	
	E-PF-92	92	82.5	96		
	E-PF-120	120	105	125		

Series	Part Number	Applicable Fan Edge Length	Parallel Mounting Hole Distance A	Edge Length B	Thickness T	Mounting Hole Diameter (φ)
Protective Cover	E-SFG-40	40	31.8	40	4	5
	E-SFG-60	60	50.8	59		
	E-SFG-80	80	71.8	80		
	E-SFG-92	92	81.8	90		
	E-SFG-120	120	105.8	114		

Ordering Example

Part Number
E-PF-120

How to search on website



By Type
Search on MISUMI official website
E-PF-120

By Keyword
Step 1 ▶ Search on MISUMI official website
cooling fan

Step 2 ▶ Select MISUMI economy series brand
 MISUMI MISUMI economy

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Economy series Network / USB Adapters

vs Standard Type
Saving
up to
66%

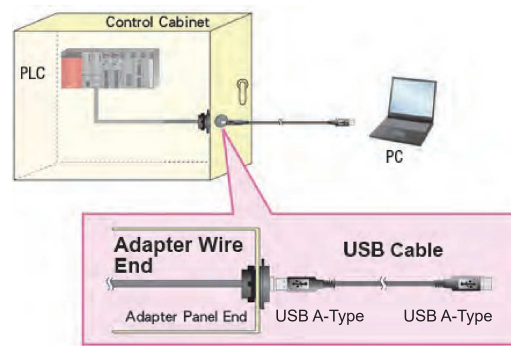
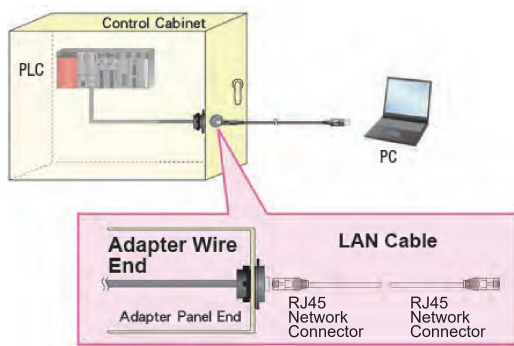
Integrated Contact Design

Simple Dust Cover

**Metal washers to ensure
tightness of nuts**



Use Scenario




Product Features

● Network Adapters

Features 1

Integrated contact design to avoid poor PCB soldering process and ensure proper conduction

Generic products on the market *	MISUMI economy series
General split contact	Integrated contact
 PVC shell and PCB soldering will result in defects	 PCB soldering is not required, reducing defects

Features 2

A simple dust cover is adopted to replace the commercially available designed dust cover for a simple and uncluttered appearance

Generic products on the market *	MISUMI economy series
Commercially available dust cover	Simple Dust Cover
	 Simple Dust Cover

● USB Adapters

Features 1

A simple dust cover is adopted to replace the commercially available designed dust cover for a simple and uncluttered appearance

Generic products on the market *	MISUMI economy series
Commercially available dust cover	Simple Dust Cover
	 Simple Dust Cover

Features 2

Male and female fittings are used together to realize IP65 waterproof function and ensure normal communication in humid environment

Generic products on the market *	MISUMI economy series
When separated, they can be used as common RJ45 adapters	When combined, they have IP65 waterproof function
	 IP65

* Generic products on the market are similar products randomly purchased by our company from online or offline markets.

3

Cable Carriers / Cables / Heat Shrink Tubes
Fans / Network / USB Adapter / Switching Hubs

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USB 3.0 (2.0 Compatible) Adapters with Cable, Panel Mounting

New Products



Representative model: E-U3H-AMAF-0.5

Save Up to **66%** vs Standard Type

195 THB

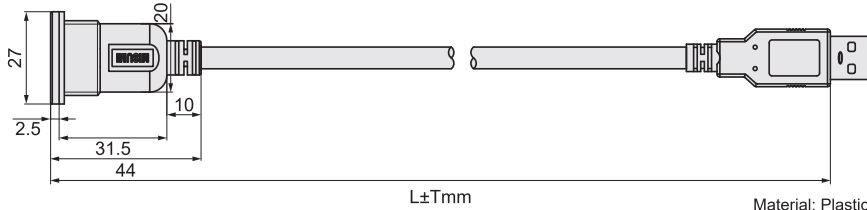
Shipping from **1 day**

Volume Discount

Quantity	1~9	10~14	15~
Discount	Unit Price	15%	30%



Shipping days may differ by Quantity.
Quantity of volume discount above is for representative Part No. It may differ by the Part.



Material: Plastic, Copper
Surface Treatment: Partially Nickel Plated

Part Number	Total Length L (m)	Tolerance T (mm)	Opening Size (mm)	Interface Standard	Connector Specification	
					Panel End Interface	Harness End Plug
E-U3H-AMAF-0.5	0.5	20	φ22	USB3.0	Female (AF)	Male (AM)
E-U3H-AMAF-1	1	30				
E-U3H-AMAF-3	3	30				

Ordering Example

Part Number
E-U3H-AMAF-0.5

USB 3.0 (2.0 Compatible) Adapters, Panel Mounting

New Products



Representative model: E-U3H-AFAF

157 THB

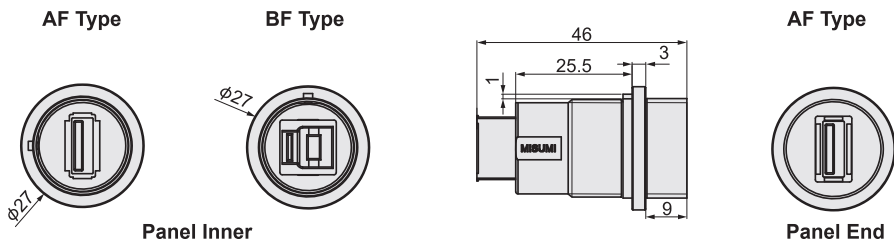
Shipping from **1 day**

Volume Discount

Quantity	1~9	10~14	15~
Discount	Unit Price	15%	30%



Shipping days may differ by Quantity.
Quantity of volume discount above is for representative Part No. It may differ by the Part.



Material: Plastic, Copper
Surface Treatment: Partially Nickel Plated

Part Number	Opening Size (mm)	Interface Standard	Connector Specification	
			Panel End Interface	Panel Inner Interface
E-U3H-AFAF	φ22	USB3.0	Female (AF)	Female (AF)
E-U3H-AFBF			Female (AF)	Female (BF)

Ordering Example

Part Number
E-U3H-AFAF

How to search on website



By Type: Search on MISUMI official website
E-U3H-AMAF

By Keyword: Step 1 Search on MISUMI official website
usb adapter

Step 2 Select MISUMI economy series brand



USB 3.0 (2.0 Compatible) Adapters with Cable, IP65 Panel Mounting

New Products

Representative model: E-U3R65-AMAM-0.5



245

THB

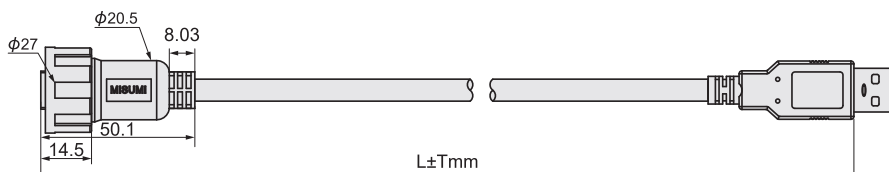
Shipping from 1 day

Volume Discount

Quantity	1~9	10~14	15~
Discount	Unit Price	15%	30%



Shipping days may differ by Quantity.
Quantity of volume discount above is for representative Part No. It may differ by the Part.



Material: Plastic, Copper
Surface Treatment: Partially Nickel Plated

Part Number	Total Length L (m)	Tolerance T (mm)	Opening Size (mm)	Interface Standard	Connector Specification		Waterproof Rating
					Panel End Connector	Harness End Plug	
E-U3R65-AMAM-0.5	0.5	20	φ22	USB3.0	Male (AM)	Male (AM)	IP65
E-U3R65-AMAM-1	1	30					
E-U3R65-AMAM-3	3	30					

Ordering Example

Part Number
E-U3R65-AMAM-0.5

USB 3.0 (2.0 Compatible) Adapters, IP65 Panel Mounting

New Products

Representative model: E-U3H65-AFAF



214

THB

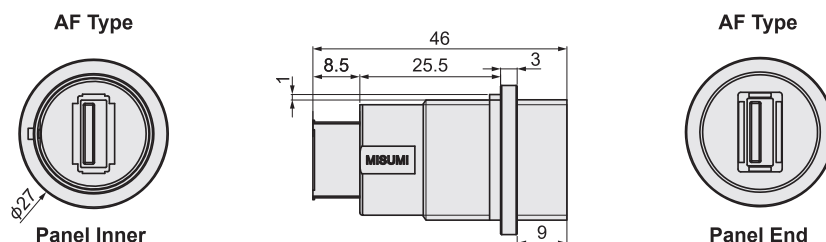
Shipping from 1 day

Volume Discount

Quantity	1~9	10~14	15~
Discount	Unit Price	15%	30%



Shipping days may differ by Quantity.
Quantity of volume discount above is for representative Part No. It may differ by the Part.



Material: Plastic, Copper
Surface Treatment: Partially Nickel Plated

Part Number	Opening Size (mm)	Interface Standard	Connector Specification		Waterproof Rating
			Panel End Interface	Panel Inner Interface	
E-U3H65-AFAF	φ22	USB3.0	Female (AF)	Female (AF)	IP65

Ordering Example

Part Number
E-U3H65-AFAF

How to search on website



By Type: Search on MISUMI official website
E-U3H65-AFAF

By Keyword: Step 1 Search on MISUMI official website
usb adapter

Step 2 Select MISUMI economy series brand



3 Cable Carriers / Cables / Heat Shrink Tubes / Fans / Network / USB Adapter / Switching Hubs

Cable Carriers

P.445

Machinery Cables

P.455

Cables for Signals

P.461

Heat Shrink Tubes

P.468

Fans

P.480

Network Communication

P.484

Switching Hubs

P.489

CAT5e/CAT6 Universal Network Adapters With Hexagon Nut, Panel Mounting

New Products



Representative model: E-NWAP-HS-C6

Save Up to **59%** vs Standard Type

207

THB

Shipping from **1 day**

Volume Discount

Quantity	1~9	10~14	15~
Discount	Unit Price	15%	30%



Shipping days may differ by Quantity.
Quantity of volume discount above is for representative Part No. It may differ by the Part.

3
Cable Carriers / Cable Sleeves / Heat Shrink Tubes / Fans / Network USB Adapter / Switching Hubs

Cable Carriers

P.445

Machinery Cables

P.455

Cables for Signals

P.461

Heat Shrink Tubes

P.468

Fans

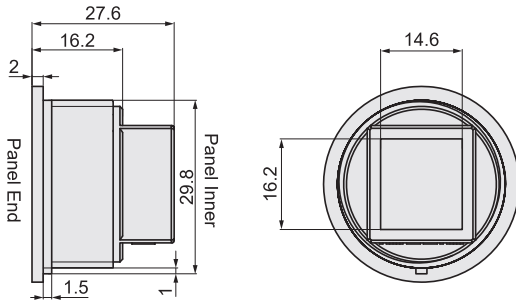
P.480

Network Communication

P.484

Switching Hubs

P.489



Material: Plastic, Copper
Surface Treatment: Partially Nickel Plated

Part Number	Opening Size (mm)	Interface Standard	Shielded	Connector Specification	
				Panel End Interface	Panel Inner Interface
E-NWAP-HS-C6	φ30	CAT6	Provided	RJ45	RJ45

Ordering Example

Part Number
E-NWAP-HS-C6

CAT5e/CAT6 Universal Network Adapters With Buckle, Panel Mounting

New Products



Representative model: E-NWAP-KS-C6

Save Up to **66%** vs Standard Type

123

THB

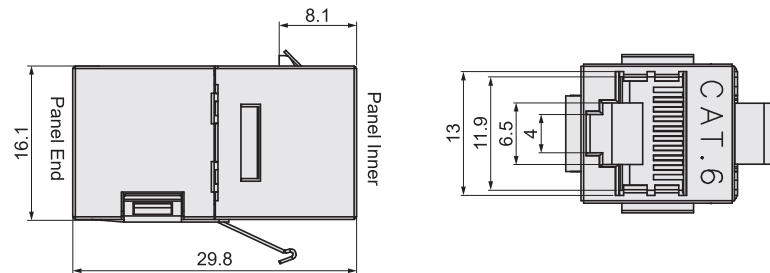
Shipping from **1 day**

Volume Discount

Quantity	1~29	30~49	50~
Discount	Unit Price	15%	30%



Shipping days may differ by Quantity.
Quantity of volume discount above is for representative Part No. It may differ by the Part.



Material: Plastic, Copper
Surface Treatment: Partially Nickel Plated

Part Number	Opening Size (mm)	Interface Standard	Shielded	Connector Specification	
				Panel End Interface	Panel Inner Interface
E-NWAP-KS-C6	16.3*14.8	CAT6	Provided	RJ45	RJ45

Ordering Example

Part Number
E-NWAP-KS-C6

How to search on website



By Type

Search on MISUMI official website

E-NWAP-KS-C6



By Keyword

Step 1 Search on MISUMI official website

network adapter



Step 2 Select MISUMI economy series brand

MISUMI



MISUMI economy

CAT5e/CAT6 Universal Network Adapters, IP65 Panel Mounting

New Products

Representative model: E-NWAP-HS65-C6-M



Shipping from 1 day

99

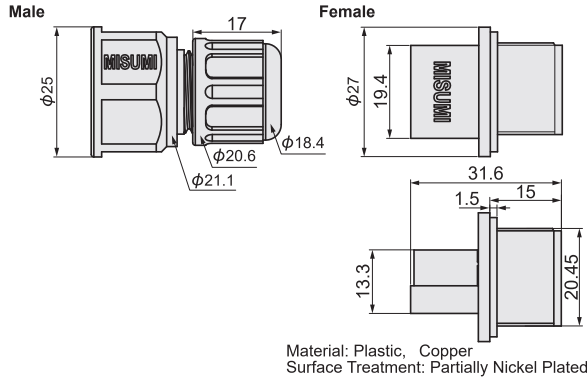
THB

Volume Discount

Quantity	1~29	30~49	50~
Discount	Unit Price	15%	30%



Shipping days may differ by Quantity.
Quantity of volume discount above is for representative Part No. It may differ by the Part.



Part Number	Opening Size (mm)	Interface Specifications	Interface Standard	Waterproof Specifications
E-NWAP-HS65-C6-M	-	Male	CAT6	IP65
E-NWAP-HS65-C6-F	$\phi 20.65$	Female		

Ordering Example

Part Number

CAT5e Network Adapters Angled, Panel Mounting

New Products

Representative model: E-NWAP-MA-C5E



Save Up to 47% vs Standard Type

125

THB

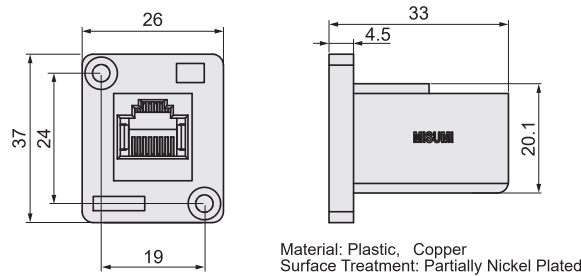
Shipping from 1 day

Volume Discount

Quantity	1~29	30~49	50~
Discount	Unit Price	15%	30%



Shipping days may differ by Quantity.
Quantity of volume discount above is for representative Part No. It may differ by the Part.



Part Number	Opening Size (mm)	Interface Standard	Shielded	Connector Specification	
				Panel End Interface	Panel Inner Interface
E-NWAP-MA-C5E	19.7*20.3	CAT5e	Not Provided	RJ45	RJ45

Ordering Example

Part Number

How to search on website



By Type: Search on MISUMI official website

By Keyword: Step 1 Search on MISUMI official website

Step 2 Select MISUMI economy series brand
 MISUMI MISUMI economy

MISUMI contact

Tel: 038-959200 or 1382
Email: cs@misumi.co.th

MISUMI WEB "Chat"



Install MISUMI APP



3

Cable Carriers / Cables / Heat Shrink Tubes / Fans / Network USB Adapter / Switching Hubs

Cable Carriers

P.445

Machinery Cables

P.455

Cables for Signals

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Heat Shrink Tubes

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Switching Hubs

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Economy series Industrial Switching Hubs

5-Port · 8-Port/10/100BASE · 10/100/1000Base-T

Designed for Industrial Networks

vs Standard Type
Saving
up to
57%



3

Cable Carriers / Cable Carriers / Heat Shrink Tubes
Fans / Network USB Adapter / Switching Hubs

Cable Carriers

Advantage Features of MISUMI Economy Series

P.445

Machinery Cables

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Cables for Signals

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Heat Shrink Tubes

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Fans

P.480

Network Communication

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Switching Hubs

P.489



Resistant to high and low temperature ranging from -40°C to 80°C

Operating temperature of -40°C to 80°C ensures normal operation of the hubs in harsh environments without downtime



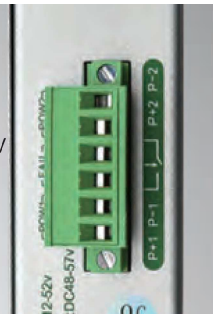
Industrial Protection IP40

Enclosure protection class reaches IP40, which inhibits the ingress of micro solids and ensures normal operation of the equipment



4KV Surge Protection

Greatly improves the power supply shock resistance through the 4KV common-mode and 1KV differential-mode surge impact test.

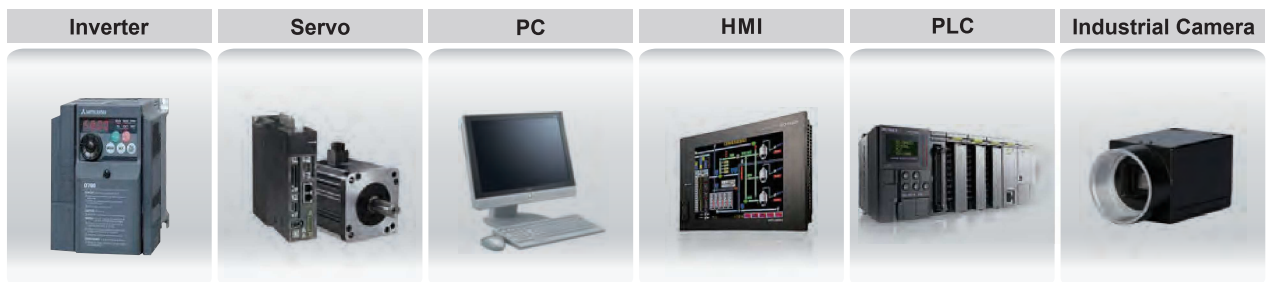


Steel Alloy Shell

Compact shell made of steel alloy, beautiful and exquisite appearance, efficient heat dissipation, high durability



Example of Use



Versatile and widely compatible

Industrial Switching Hubs 10/100BASE



Representative model: MES-M8RJ-ST

Save Up to **57%** vs Standard Type

Shipping from **1 day**

3,020 THB

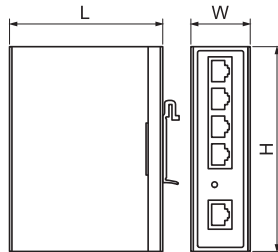
Volume Discount

Quantity	1~3	4~5	6~
Discount	Unit Price	15%	30%

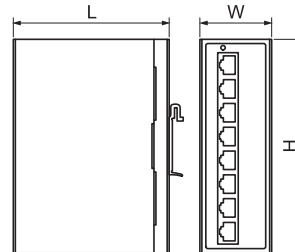


Shipping days may differ by Quantity.
Quantity of volume discount above is for representative Part No. It may differ by the Part.

MES-M5RJ-ST (5-Port Product)



MES-M8RJ-ST (8-Port Product)



Material:
Main Body: Steel Alloy
Others: PVC, etc

Part Number	Number of Ports	Communication Specifications	External Dimensions (Unit: mm)		
			Length L	Width W	Height H
MES-M5RJ-ST	5 Ports	10/100BASE (10/100Mbps)	88.7	34	117.7
MES-M8RJ-ST	8 Ports	10/100BASE (10/100Mbps)	103.5	47.5	142.5

Ordering Example

Part Number
MES-M5RJ-ST

Industrial Switching Hubs 10/100/1000Base-T



Representative model: MES-G5RJ-ST

Save Up to **50%** vs Standard Type

Shipping from **1 day**

3,481 THB

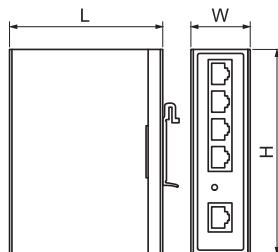
Volume Discount

Quantity	1~3	4~5	6~
Discount	Unit Price	15%	30%

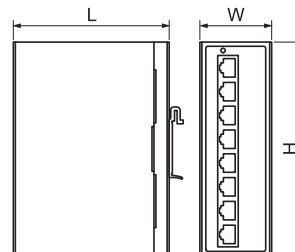


Shipping days may differ by Quantity.
Quantity of volume discount above is for representative Part No. It may differ by the Part.

MES-G5RJ-ST (5-Port Product)



MES-G8RJ-ST (8-Port Product)



Material:
Main Body: Steel Alloy
Others: PVC, etc

Part Number	Number of Ports	Communication Specifications	External Dimensions (Unit: mm)		
			Length L	Width W	Height H
MES-G5RJ-ST	5 Ports	10/100/1000Base-T	88.7	34	117.7
MES-G8RJ-ST	8 Ports	10/100/1000Mbps	103.5	47.5	142.5

Ordering Example

Part Number
MES-G5RJ-ST

How to search on website



By Type

Search on MISUMI official website

MES-G5RJ-ST



By Keyword

Step 1 Search on MISUMI official website

switching hub



Step 2 Select MISUMI economy series brand

MiSUMI



- 3
Cable Carriers (Cables Heat Shrink Tubes Fans Network USB Adapter Switching Hubs)
- Cable Carriers
- P.445
- Machinery Cables
- P.455
- Cables for Signals
- P.461
- Heat Shrink Tubes
- P.468
- Fans
- P.480
- Network Communication
- P.484
- Switching Hubs
- P.489