


Cable Carriers

Flap Open-Close Full Cover Type

Cable Carriers - Low Particle Generation, Low Noise



Type	Material	Main Body		Mounting Bracket	
		Material	Surface Treatment	Material	Surface Treatment
Cable Carrier + Mounting Bracket	FHPS	Nylon 6 + Glass Fiber 20% (Operating Temperature -10 ~ 80°C) Flammability Standard UL94-HB Equivalent	SPCC	Trivalent Bright Chromate Plating	

External Dimension Diagram

Cross Section View

RoHS10

<Moving Ends>

<Fixed Ends>

<Cautions>

- Cable Carrier (10 Links and 1 Link) and mounting brackets are not assembled together at the time of delivery. Link connection and brackets assembly are required for use.
- Install the mounting bracket fixed end on the lower side, and moving end on the upper side. (Refer to the Positional Relationship in External Dimension Diagram)
- Mounting bracket shape varies depending on size.

Part Number	Bending Radius	Number of Links	Mounting Direction	Cable Carrier Dimensions										Mounting Dimensions					H (Mounting Height)	H ₁	HF (Required Physical Height)	K (Arc + Margin)	Weight per Meter (kg) (Reference)	
				A	B	C	W	P	ℓ	F	T	J	N	Moving End P ₁	Fixed End P ₂	P ₁	P ₂							
FHPS (Cable Carrier + Mounting Brackets)	202	30	8-43	A	13	20	14	26	20	30	20	10	10	4.5	9.8	21.8	8	20	80	60	95	144.2	0.28	
	203	30	8-43		13	20	20	32	20	30	15.8	27.8	14	26	80	60	95	144.2	0.31					
	204	38	7-34		13	22	22	40	26	43	18.6	34.6	15	31	98	76	118	179.3	0.5					
	206	38	7-34		13	22	42	60	26	43	32	18	14	5.8	38.6	54.6	35	51	98	76	118	179.3	0.6	
	206	50	9-36		13	22	42	60	26	43	32	18	14	5.8	38.6	54.6	35	51	122	100	142	217	0.6	
	408	70	8-45	B	25	40	58	78	45	60	40	24	22	7	44	72	40	68	180	140	210	319.8	1.36	
	408	100	10-47		25	40	80	90	30	52.5	25	40	80	90	30	52.5	76.4	73.2	7	240	200	270	414	1.36
	412	70	8-45		25	40	80	90	30	52.5	25	40	80	90	30	52.5	96.4	93.2	7	180	140	210	319.8	1.7
	412	70	8-45		25	40	80	90	30	52.5	25	40	80	90	30	52.5	96.4	93.2	7	180	140	210	319.8	1.7
	412	100	11-49		25	40	97	117	45	60	40	24	22	7	83	111	79	107	240	200	270	414	1.7	

Part Number	Bending Radius	Number of Links	Mounting Direction	Unit Price	
				Cable Carrier + Mounting Bracket (One Link Unit Price x Number of Links) + Mounting Bracket Price	
FHPS (Cable Carrier + Mounting Brackets)	202	30	8-43	A	
	203	30	8-43		
	204	38	7-34		
	206	38	7-34		
	206	50	9-36		
	408	70	8-45	B	
	408	100	10-47		
	412	70	8-45		
	412	70	8-45		
	412	100	11-49		

<Cautions on Model Selection>

- A Cable Carrier and suitable Mounting Brackets (Moving Ends x1 set, Fixed Ends x1 set) are in a set.
- Please note that part numbers vary depending on inner/outer circumference mounting.

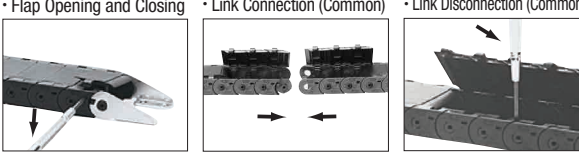
Ordering Example

Part Number: FHPS204 - Bending Radius: 38 - Number of Links: 12 - Mounting Direction: A


Flap Opening and Closing

Link Connection (Common)

Link Disconnection (Common)



- Flaps are laid on one another. Insert a flathead screwdriver in the side window and pry the flap to open. Start with the top flap.
- Open link flaps, mate the blocks with each other and push the both ends to joint fit together.
- Open the link flaps, insert and push down a flathead screwdriver in a gap between the links to disconnect.



Type	Material	Main Body		Mounting Bracket	
		Material	Surface Treatment	Material	Surface Treatment
Cable Carrier + Mounting Bracket	MPSCS	Nylon 6 + Glass Fiber 30% TPEE (Operating Temperature -8 ~ 80°C) Flammability Standard UL94-HB Equivalent	SPCC	Trivalent Bright Chromate Plating	

External Dimension Diagram

Cross Section View

RoHS10

<Common to Moving and Fixed End>

MPSCS3560

MPSCS35100

<Cautions>

- Cable Carrier (10 Links and 1 Link) and mounting brackets are not assembled together at the time of delivery. Link connection and brackets assembly are required for use.
- Install the mounting bracket fixed end on the lower side, and moving end on the upper side. (Refer to the Positional Relationship in External Dimension Diagram)
- Mounting bracket shape varies depending on size.

Part Number	Bending Radius Selection	Number of Links	Mounting Direction	Cable Carrier Dimensions										Mounting Dimensions					H (Mounting Height)	H ₁	HF (Required Physical Height)	K (Arc + Margin)	Weight per Meter (kg) (Reference)			
				A	B	C	W	P	ℓ	F	T	J	X	D	Applicable Screw (D)	P ₁	P ₂	P ₃						P ₄	P ₅	
MPSCS (Cable Carrier + Mounting Brackets)	28	8-67	S (Common to Mounting on the Outer and Inner Circumferences)	15	25	20	28	18	29	22	10	32.8	30.4	4.2	M4	12	15	8	8	3	95	70	115	128.6	0.34	
																					105	80	125	144.3		
																					115	82	145	150.4		
	31	8-77																			130	97	160	174	0.7	
																					170	137	200	236.8		
																					185	145	215	251.5		
	38	9-78																			235	195	265	330	0.77	
																					185	145	215	251.5		
																					185	145	215	251.5		
	58	12-81																			240	185	270	323.9	1.4	
295			240	325	410.2																					
240			185	270	323.9																					
60	9-57	250	200	300	375	1.7																				
		250	200	300	375																					
		250	200	300	375																					
85	11-60	250	40	60	70	30	52.5	40	24	76.4	73.2	7	M6	35.4	47	-	-	-	-	-	185	145	215	251.5	0.94	
		250	40	80	90	30	52.5	25	40	80	90	30	52.5	96.4	93.2	M6	60	75.2	-	-	-	185	145	215		251.5
		35	55	60	73	45	68.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	240	185	270		323.9
75	8-51	35	55	60	73	45	68.5	-	-	-	-	-	-	-	-	-	-	-	-	-	240	185	270	323.9	1.4	
		100	10-53	35	55	60	73	45	68.5	-	-	-	-	-	-	-	-	-	-	-	295	240	325	410.2		
		75	8-47	35	55	100	113	45	68.5	-	-	-	-	-	-	-	-	-	-	-	-	295	240	325		410.2
100	10-49	35	55	100	113	45	68.5	-	-	-	-	-	-	-	-	-	-	-	-	-	295	240	325	410.2	2	

Part Number	Bending Radius Selection	Number of Links	Mounting Direction	Unit Price																																								
				Cable Carrier + Mounting Bracket (One Link Unit Price x Number of Links) + Mounting Bracket Price																																								
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<Cautions on Model Selection>

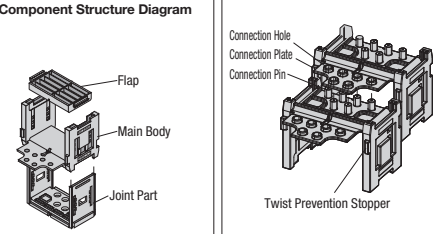
- A Cable Carrier and suitable Mounting Brackets (Moving Ends x1 set, Fixed Ends x1 set) are in a set.

Ordering Example

Part Number: MPSCS2540 - Bending Radius: 85 - Number of Links: 20 - Mounting Direction: S

Low Particle Generation, Low Noise Cable Carriers (MPSCS) - Link Connection

Component Structure Diagram



1 Link connection: Align cable carrier connection pins with the connection holes. Be sure to keep clear of the twist prevention stopper when fitting them together.

2 Insert the cable carrier in the main body: Be sure that the connection plate is fully mated with the cable carrier.

3 Insert joint parts: Insert the joint part into the cable carrier to align joint part connection holes with the connection pins.

4 Confirm the connection: Please be sure if there is no gap between the joint parts and the cable carrier, and if the joint parts mounting hooks are secure.