

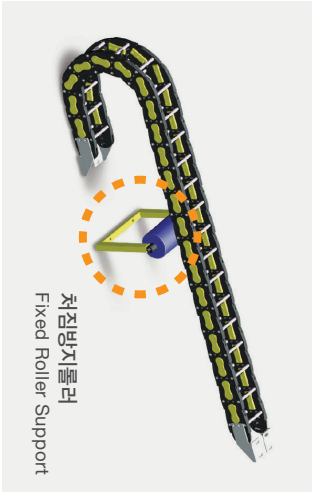
Roller Support

How to Prevent the Deflection of Cable Carrier

케이블 캐리어의 처짐 방지

각 Type별 FreeSpan 길이가 선정되어 있으나 장비의 특성에 따라 길이를 연장 해야 할 경우 제품의 처짐 방지를 위해 롤러를 설치하여 처짐 없이 사용이 가능하다.

When extended lengths are needed even if there are already freeSpan length per each type, the Fixed Roller Support should be installed as the left picture to prevent them from deflection.



Guide Channel

How to Install Cable Carrier for Medium and Long Distances

중·장거리용 케이블 캐리어의 설치 방법

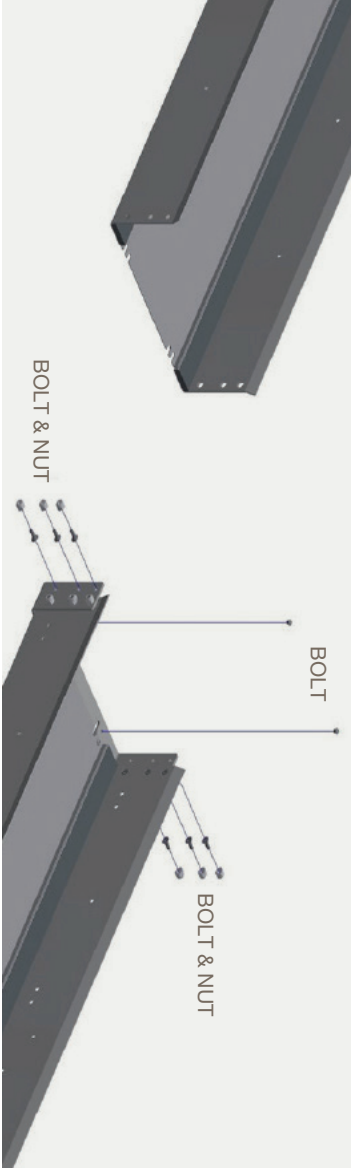
중·장거리용 케이블 캐리어는 타임 선정과 함께 가이드 잔널이 중요하다. 일반적으로 케이블 캐리어와 가이드 잔널을 함께 구매할 경우에는 이상이 없으나, 규격에 맞지 않는 가이드 잔널을 자체 제작 할 경우 문제가 발생할 수 있다. 가이드잔널은 규격품을 사용하거나 규격에 맞춰 제작하여야 한다.

Installing proper guide channel is also important as much as finding correct cable carrier. It does not cause defects to supply cable carrier with guide channel from KODUCT. Problems can occur if you make your own Guide Channel that doesn't meet specifications. Guide Channel should be using standard parts or in accordance with specifications.

Cautions During Installation

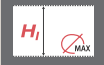
가이드 잔널 설치 시 유의사항

- 잔널 연결부가 뒤틀림 없이 밀착선이 될 수 있도록 한다.
- 장비 작동 시 진동이나 흔들림이 없도록 고정한다.
- Guide channel should be linked straightly without being twisted.
- Fixing parts tightly not to cause vibrations.



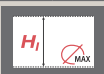
Guideline for fast product selection

Cable Carrier

Series																		Material / Common Part					Distance (m)		Moving Speed (m/sec)	Page
	Type	Pitch	Inside Height	Cable & Hose	Width (mm)							Radius (mm) [Height (mm)]						Body	Cover		End Bracket		Short& Long	Free Span		
KP Carrier	KP16	15.6	10	8	10	15	25	40	-	-	-	18 [49]	28 [69]	38 [89]	50 [113]	-	-	ENG. Plastic	ENG. Plastic	-	ENG. Plastic	-	Short Distance	0.7	3	A 07
	KP20	20	15	12	15	25	30	40	-	-	-	18 [56]	28 [76]	37 [94]	50 [120]	-	-	"	"	-	"	-		1	3	A 09
	KP32	32	20	16	15	25	35	50	-	-	-	28 [82]	38 [102]	50 [126]	75 [176]	100 [226]	-	"	"	-	"	-		1.5	3	A 11
	KP40	40	25	22	40	57	80	100	-	-	-	50 [139]	75 [189]	100 [239]	125 [289]	150 [339]	200 [439]	"	"	-	Steel & Plastic	-	Short Distance	1.6	3	A 13
	KP454	45.4	28	23	40	57	80	100	-	-	-	48 [138]	70 [182]	90 [222]	120 [282]	145 [332]	195 [432]	"	"	KP454 -CVR	ENG. Plastic	-		1.8	3	A 15
	KP50	55.5	32.1	28	40	50	65	75	80	87	100	60 [175]	75 [205]	100 [255]	125 [305]	150 [355]	200 [455]	"	"	PSC -CVR	Steel & Plastic	KP50 -EBSET		2	3	A 17
					120	150	160	175	187	200	-															
KM50	55.5	MAX.32 MAX.24	MAX.28 MAX.12	40	65	80	-	-	-	-	-	75 [205]	100 [255]	125 [305]	150 [355]	200 [455]	"	"	-	"	KP50 -EBSET	Short Distance	2	3	A 19	
Smart Carrier	KSC588 /10(25)	58.8	36.1	31	-	50	65	75	80	87	100	68 [192]	80 [216]	100 [256]	125 [306]	150 [356]	200 [456]	ENG. Plastic	ENG. Plastic	PSC -CVR	Steel	-	Short Distance	2.3	3	B 09
					120	150	160	175	187	200	-															
	KSC715 /10(25)	71.5	47.9	43	65	80	100	125	150	175	200	80 [230]	100 [270]	125 [320]	150 [370]	200 [470]	250 [570]	"	"	KSC67 -CVR	"	KSC715 -EBSET		3	3	B 11
					225	250	-	-	-	-	-															
	KSC91	91	54.2	45	100	150	200	250	300	350	-	150 [384]	200 [484]	250 [584]	300 [684]	-	-	"	"	KSC -CVR	"	-	3.8	3	B 13	
	KSC588/S	58.8	36.1	31	-	50	65	75	80	87	100	68 [192]	80 [216]	100 [256]	125 [306]	150 [356]	200 [456]	"	"	PSC -CVR	"	-	Long Distance	-	3	B 15
					120	150	160	175	187	200	-															
	KSC715/S	71.5	47.9	43	65	80	100	125	150	175	200	80 [230]	100 [270]	125 [320]	150 [370]	200 [470]	250 [570]	"	"	KSC67 -CVR	"	-		-	3	B 17
					225	250	-	-	-	-	-															
KM715 /10(25)	71.5	MAX.45 MAX.37	MAX.41 MAX.16	75	100	120	-	-	-	-	-	100 [270]	125 [320]	150 [370]	200 [470]	250 [570]	"	"	-	"	KSC715 -EBSET	Short Distance	3	3	B 19	

Guideline for fast product selection

Cable Carrier

Series																	Material / Common Part					Distance (m)		Moving Speed (m/sec)	Page	
	Type	Pitch	Inside Height	Cable & Hose	Width (mm)						Radius (mm) [Height (mm)]					Body	Cover		End Bracket		Short& Long	Free Span				
Fork Carrier	CDS070	70	40	36	80~400						75 [215]	100 [265]	130 [325]	180 [425]	230 [525]	-	ENG. Plastic	Aluminum	S080 -BAR	Steel	CDS070 -EBSET	Short Distance	2.5	5	C 11	
	CDS080	80	49	43	80~400						150 [380]	200 [480]	250 [580]	280 [680]	400 [880]	-	"	"	S080 -BAR	"	CDS080 -EBSET		3.2	5	C 13	
	CDS100	100	70.5	62	100~600						200 [504]	250 [604]	300 [704]	350 [804]	400 [904]	500 [1104]	"	"	S100 -BAR	"	CDS100 -EBSET		3.8	5	C 15	
	CDS150	150	111	100	200~800						200 [560]	300 [760]	400 [960]	500 [1160]	600 [1360]	-	"	"	S150 -BAR	"	-		6	5	C 17	
	SRS070	70	40	36	80~400						75 [215]	100 [265]	130 [325]	180 [425]	230 [525]	-	"	"	S080 -BAR	"	SRS070 -EBSET	Long Distance	-	5	C 19	
	SRS080	80	49	43	80~400						150 [380]	200 [480]	250 [580]	280 [680]	400 [880]	-	"	"	S080 -BAR	"	SRS080 -EBSET		-	5	C 21	
	SRS100	100	70.5	62	100~600						200 [504]	250 [604]	300 [704]	350 [804]	400 [904]	500 [1104]	"	"	S100 -BAR	"	SRS100 -EBSET		-	5	C 23	
	SRS150	150	111	100	200~800						200 [560]	300 [760]	400 [960]	500 [1160]	600 [1360]	-	"	"	S150 -BAR	"	-		-	5	C 25	
	KDP070	70	40	36	-	-	65	75	80	87	100	75 [215]	100 [265]	130 [325]	180 [425]	230 [525]	-	"	ENG. Plastic	PSC -CVR	"	CDS070 -EBSET	Short Distance	2.5	5	C 27
					120	150	160	175	187	200	-														3.2	5
		CDP080	80	49	45	100	150	200	250	300	350	400	150 [376]	200 [476]	250 [576]	280 [636]	400 [876]	-	"	"	CDP091 -CVR	"		CDS080 -EBSET		
	CDP100	100	69.3	60	100	150	200	250	300	350	-	200 [504]	250 [604]	300 [704]	350 [804]	400 [904]	500 [1104]	"	"	KSC -CVR	"	CDS100 -EBSET		3.8	5	C 31
	KDPS070	70	40	36	-	-	65	75	80	87	100	75 [215]	100 [265]	130 [325]	180 [425]	230 [525]	-	"	"	PSC -CVR	"	SRS070 -EBSET	Long Distance	-	5	C 33
					120	150	160	175	187	200	-															
		CDPS080	80	49	45	100	150	200	250	300	350	400	150 [376]	200 [476]	250 [576]	280 [636]	400 [876]	-	"	"	CDP091 -CVR	"		SRS080 -EBSET	-	5
	CDPS100	100	69.3	60	100	150	200	250	300	350	-	200 [504]	250 [604]	300 [704]	350 [804]	400 [904]	500 [1104]	"	"	KSC -CVR	"	SRS100 -EBSET		-	5	C 37
	CDM080	80	MAX.49 MAX.41	MAX.45 MAX.25	150	200	300	-	-	-	-	150 [380]	200 [480]	250 [580]	280 [680]	400 [880]	-	"	"	-	"	CDS080 -EBSET	Short Distance	3.2	5	C 39
	CDM100	100	MAX.68 MAX.63	MAX.64 MAX.33	150	200	300	-	-	-	-	200 [506]	250 [606]	300 [706]	350 [806]	400 [906]	500 [1106]	"	"	-	"	CDP100 -EBSET		3.8	5	C 41

Cable Carrier

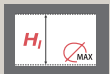
Hybrid Carrier	KH526/S	52.6	47.9	43	65	80	100	125	150	175	200	125 [337]	175 [437]	225 [537]	275 [637]	-	-	ENG. Plastic	ENG. Plastic	KSC67 -CVR	Steel	KH526/ S-EBSET	Long Distance	-	5	D 09												
					225	250	-	-	-	-	-																											
	KHA526/S	52.6	49	43	80~400							125 [337]	175 [437]	225 [537]	275 [637]	-	-	"	Aluminum	S080 -BAR	"	KH526/ S-EBSET					-	5	D 11									
	KHA91/S	91	70.5	65	100~600							200 [489]	250 [589]	300 [689]	350 [789]	400 [889]	500 [1089]	"	"	S100 -BAR	"	-								-	5	D 13						
	KHA92/S	91	80	73	100~600							200 [489]	250 [589]	300 [689]	350 [789]	400 [889]	500 [1089]	"	"	S100 -BAR	"	-											-	5	D 15			
ECO-ε Carrier	KE30	30	28	25	40	57	80	100	-	-	-	50 [151]	70 [191]	90 [231]	110 [271]	-	-	ENG. Plastic	ENG. Plastic	KP454 -CVR	ENG Plastic	-	Short Distance	1.5	3	E 09												
	KE35	35	39	30	40	57	80	100	-	-	-	75 [217.5]	100 [267.5]	125 [317.5]	150 [367.5]	-	-	"	"	KP454 -CVR	"	-					1.8	3	E 11									
	KE45	45	50	45	40	50	65	75	80	87	100	75 [246]	100 [296]	125 [346]	150 [396]	-	-	"	"	PSC -CVR	"	-								2.4	3	E 13						
					120	150	160	175	187	200	-																											
Steel Carrier	CDKS070	70	31	25	60~300							75 [200]	90 [230]	125 [300]	145 [340]	200 [450]	-		Steel	Aluminum	-	Steel	CDK070 -EBSET	Short Distance	3.5	2	F 09											
	CDKS095	95	48	42	100~400							125 [320]	145 [360]	200 [470]	250 [570]	300 [670]	400 [870]	"	"	S30 -BAR	"	CDK095 -EBSET	5					2	F 11									
	CDKS125	125	70	48	100~400							200 [496]	250 [596]	300 [696]	400 [896]	-	-	"	"	S40 -BAR	"	CDK130 -EBSET								6.2	2	F 13						
	CDKS130	130	70	48	100~400							200 [496]	250 [596]	300 [696]	400 [896]	500 [1096]	-	"	"	S40 -BAR	"	CDK130 -EBSET											6.2	2	F 15			
	CDKS180	180	113	86	300~700							250 [640]	300 [740]	400 [940]	500 [1140]	600 [1340]	700 [1540]	"	"	S40 -BAR	"	CDK180 -EBSET														8	2	F 17
	CDKS250	250	-	-	300~700							350 [920]	450 [1120]	600 [1420]	750 [1720]	1000 [2220]	1250 [2720]	"	"	S40 -BAR	"	CDK250 -EBSET																
	CDKH070	70	-	-	60~300							75 [200]	90 [230]	125 [300]	145 [340]	200 [450]	-	"	"	-	"	CDK070 -EBSET	Short Distance	3.5	2	F 21												
	CDKH095	95	-	-	100~400							125 [320]	145 [360]	200 [470]	250 [570]	300 [670]	400 [870]	"	"	-	"	CDK095 -EBSET					5	2	F 23									
	CDKH125	125	-	-	100~400							200 [496]	250 [596]	300 [696]	400 [896]	-	-	"	"	-	"	CDK130 -EBSET								6.2	2	F 25						
	CDKH130	130	-	-	100~400							200 [496]	250 [596]	300 [696]	400 [896]	500 [1096]	-	"	"	-	"	CDK130 -EBSET											6.2	2	F 27			
	CDKH180	180	-	-	300~700							250 [640]	300 [740]	400 [940]	500 [1140]	600 [1340]	700 [1540]	"	"	-	"	CDK180 -EBSET														8	2	F 29
	CDKH250	250	-	-	300~700							350 [920]	450 [1120]	600 [1420]	750 [1720]	1000 [2220]	1250 [2720]	"	"	-	"	CDK250 -EBSET																
	CDKSL095	95	48	42	100~400							125 [320]	145 [360]	200 [470]	250 [570]	300 [670]	400 [870]	"	"	S30 -BAR	"	-	Long Distance	-	2	F 33												
	CDKHL095	95	-	-	100~400							125 [320]	145 [360]	200 [470]	250 [570]	300 [670]	400 [870]	"	"	S30 -BAR	"	-					-	2	F 33									
	CDKSL130	130	70	48	100~400							200 [496]	250 [596]	300 [696]	400 [896]	500 [1096]	-	"	"	S40 -BAR	"	-								-	2	F 35						
	CDKHL130	130	-	-	100~400							200 [496]	250 [596]	300 [696]	400 [896]	-	-	"	"	S40 -BAR	"	-											-	2	F 35			

Guideline for fast product selection

Cable Carrier

Series																		Material / Common Part					Distance (m)		Moving Speed (m/sec)	Page
	Type	Pitch	Inside Height	Cable & Hose	Width (mm)							Radius (mm) [Height (mm)]						Body	Cover		End Bracket		Short& Long	Free Span		
Cable Track System	SRST080	80	47	43	80~400							150 [506]	200 [606]	250 [706]	280 [766]	400 [1006]	-	ENG. Plastic	Aluminum	S080 -BAR	Steel	CDS080 -EBSET	Long Distance	-	5	G 09
	SRST100	100	70.5	62	100~600							200 [679]	250 [779]	300 [879]	350 [979]	400 [1079]	500 [1279]	"	"	S100 -BAR	"	CDS100 -EBSET		-	5	G 11
	CDKST095	95	48	42	100~400							125 [513]	145 [553]	200 [663]	250 [763]	300 [863]	400 [1063]	Steel	"	S30 -BAR	"	CDK095 -EBSET		-	2	G 13
	CDKST130	130	70	48	100~400							200 [690]	250 [790]	300 [890]	400 [1090]	500 [1290]	-	"	"	S40 -BAR	"	CDK130 -EBSET		-	2	G 15
Calmly Flex	KCF115	25	52	45	101							100 [273]	140 [353]	225 [523]	300 [673]	-	-	ENG. Plastic	Stainless steel	KCF115 -CVR	Aluminum	KCF115 -EBSET	Short Distance	2.4	3	H 05
	KCF120	25	71	65	101							150 [392]	200 [492]	225 [542]	300 [692]	-	-	"	"	KCF120 -CVR	"	KCF120 -EBSET		2.8	3	H 07
	KCFM115	25	52	45	101							100 [273]	140 [353]	225 [523]	300 [673]	-	-	"	"	KCF115 -CVR	"	KCF115 -EBSET		2.4	3	H 09
	KCFM120	25	71	65	101							150 [392]	200 [492]	225 [542]	300 [692]	-	-	"	"	KCF120 -CVR	"	KCF120 -EBSET		2.8	3	H 11
Additional Carrier	KP357	35.7	36.9	32	52	-	-	-	-	-	-	75 [196.9]	87 [221.7]	100 [248.9]	125 [298.8]	150 [348.7]	200 [448.2]	ENG. Plastic	ENG. Plastic	-	ENG. Plastic	-	Short Distance	1.8	3	I 03
	CDP091	91	55	53	100	150	200	250	300	350	400	150 [384]	200 [484]	250 [584]	300 [684]	-	-	"	"	CDP091 -CVR	"	CDP091 -EBSET		3.2	5	I 05
	CDM091	91	20	16	150	200	250	300	-	-	-	150 [384]	200 [484]	250 [584]	300 [684]	-	-	"	"	-	Steel	CDP091 -EBSET		3.2	5	I 07
	KDP100	100	85	78	150	200	250	300	350	400	-	150 [418]	250 [618]	300 [718]	350 [818]	400 [918]	-	"	"	-	Steel	KDP100 -EBSET		4.2	3	I 09
	KDM100	100	55	53	150	200	300	-	-	-	-	200 [518]	250 [618]	300 [718]	350 [818]	400 [918]	-	"	"	-	Steel	KDP100 -EBSET		4.2	3	I 11

Cable Carrier

Series																		Replacement Product (대체제품)			Discontinue Year	Page
	Type	Pitch	Inside Height	Cable & Hose	Width (mm)							Radius (mm) [Height (mm)]						Type	Pitch	Inside Height		
Discontinued Product 양산 중단 제품	CDP015	15	10	8	10	25	-	-	-	-	-	-	28 [71]	37 [89]	50 [115]	-	-	KP16	15.6	10	2011	A07
	CDP018	18	15	12	40	-	-	-	-	-	-	-	28 [76]	37 [94]	50 [120]	-	-	KP20	20	15	2011	A09
	CDP025	25	13	10	14	-	-	-	-	-	-	27 [72]	-	-	-	-	-	KP20	20	15	2011	A09
	CDP028	28	19	16	23	50	-	-	-	-	-	28 [82.3]	38 [102.3]	50 [126.3]	75 [176.3]	-	-	KP32	32	20	2011	A11
	CDP050	50	24	22	40	56	80	-	-	-	-	50 [142]	75 [192]	100 [242]	125 [292]	150 [342]	-	KP454	45.4	28	2013	A15
	CDP053	53	29	27	65	80	100	120	160	200	-	75 [195]	100 [245]	125 [295]	150 [345]	200 [445]	-	KP454 / KP50	45.4 / 55.5	28 / 32	2013	A15 / A17
	CDP055	55	38	35	65	80	100	120	160	200	-	100 [259]	125 [309]	150 [359]	200 [459]	-	-	KSC588	58.8	36.1	2013	B09
	KP60	62.5	40.7	35	65	80	100	120	160	200	-	80 [220]	100 [260]	125 [310]	150 [360]	200 [460]	-	KDP070	70	40	2015	C27
	KP70	71.5	50	45	65	80	100	120	160	200	-	75 [220]	100 [270]	125 [320]	150 [370]	200 [470]	250 [570]	KSC715	71.5	47.9	2015	B11
	KP90	91	54.5	50	150	200	250	300	350	400	-	150 [384]	200 [484]	250 [584]	300 [684]	-	-	KSC91	91	54.2	2015	B13
	CDP070	71.5	49	45	65	80	100	120	160	200	250	75 [224]	100 [274]	125 [324]	150 [374]	200 [474]	250 [574]	KSC715	71.5	47.9	2009	B11
	K60	62.5	39	35	80~250							80 [220]	100 [260]	125 [310]	150 [360]	200 [460]	-	CDS070	70	40	2015	C11
	K70	71.5	49	45	80~300							75 [220]	100 [270]	125 [320]	150 [370]	200 [470]	250 [570]	CDS080	80	47	2015	C13
	K90	91	57	50	100~400							150 [384]	200 [484]	250 [584]	300 [684]	-	-	X	X	X	2015	-
	CDM070	70	MAX.39 MAX.48	MAX.16 MAX.42	75	100	-	-	-	-	-	100 [272]	125 [322]	150 [372]	200 [472]	250 [572]	-	KM715	71.5	MAX.37 MAX.45	2015	B19
	KM70	71.5	MAX.37 MAX.46	MAX.16 MAX.41	75	100	120	-	-	-	-	100 [270]	125 [320]	150 [370]	200 [470]	250 [570]	-	KM715	71.5	MAX.37 MAX.45	2015	B19
	KM90	91	MAX.47 MAX.54	MAX.25 MAX.50	150	200	-	-	-	-	-	150 [384]	200 [484]	250 [584]	300 [684]	-	-	X	X	X	2015	-
	CDPS070	70	49	45	65	80	100	120	160	200	250	75 [224]	100 [274]	125 [324]	150 [374]	200 [474]	250 [574]	KSC715/S	71.5	47.9	2009	B17
	KDPS100	100	85	78	100	150	200	250	300	350	400	200 [518]	250 [618]	300 [718]	350 [818]	400 [918]	-	X	X	X	2015	-
	WS080	80	47	44	80~400							150 [380]	200 [480]	250 [580]	280 [680]	400 [880]	-	X	X	X	2019	-
	WS100	100	70.5	65	100~600							200 [504]	250 [604]	300 [704]	350 [804]	400 [904]	500 [1104]	X	X	X	2019	-
	WS150	111	85	100	100~800							200 [560]	300 [760]	400 [960]	500 [1160]	600 [1360]	-	X	X	X	2019	-
	KD20A	20	15	8	20	40	60	-	-	-	-	28 [83]	38 [103]	48 [123]	-	-	-	X	X	X	2019	-
	KD20B	20	20	10	20	40	60	-	-	-	-	28 [83]	38 [103]	48 [123]	-	-	-	X	X	X	2019	-
	KD30A	30	25	21	40	56	80	100	125	150	-	45 [135]	55 [155]	75 [195]	100 [245]	125 [295]	150 [345]	KE30	30	28	2020	E09
	KD30B	30	36	24	40	56	80	100	125	150	-	45 [135]	55 [155]	75 [195]	100 [245]	125 [295]	150 [345]	KE35	35	39	2019	E11
	KD40	40	57	41	36	52	76	96	121	146	-	75 [241]	100 [291]	125 [341]	150 [391]	200 [491]	250 [591]	KE45	45	50	2020	E13
	KA33	33.5	36	32	36	52	76	96	121	146	-	55 [168]	75 [208]	100 [258]	125 [308]	150 [358]	200 [458]	KE35	35	39	2019	E11

* 당사는 제품의 양산중단 이후 5년간 금형을 보유하고 있습니다.