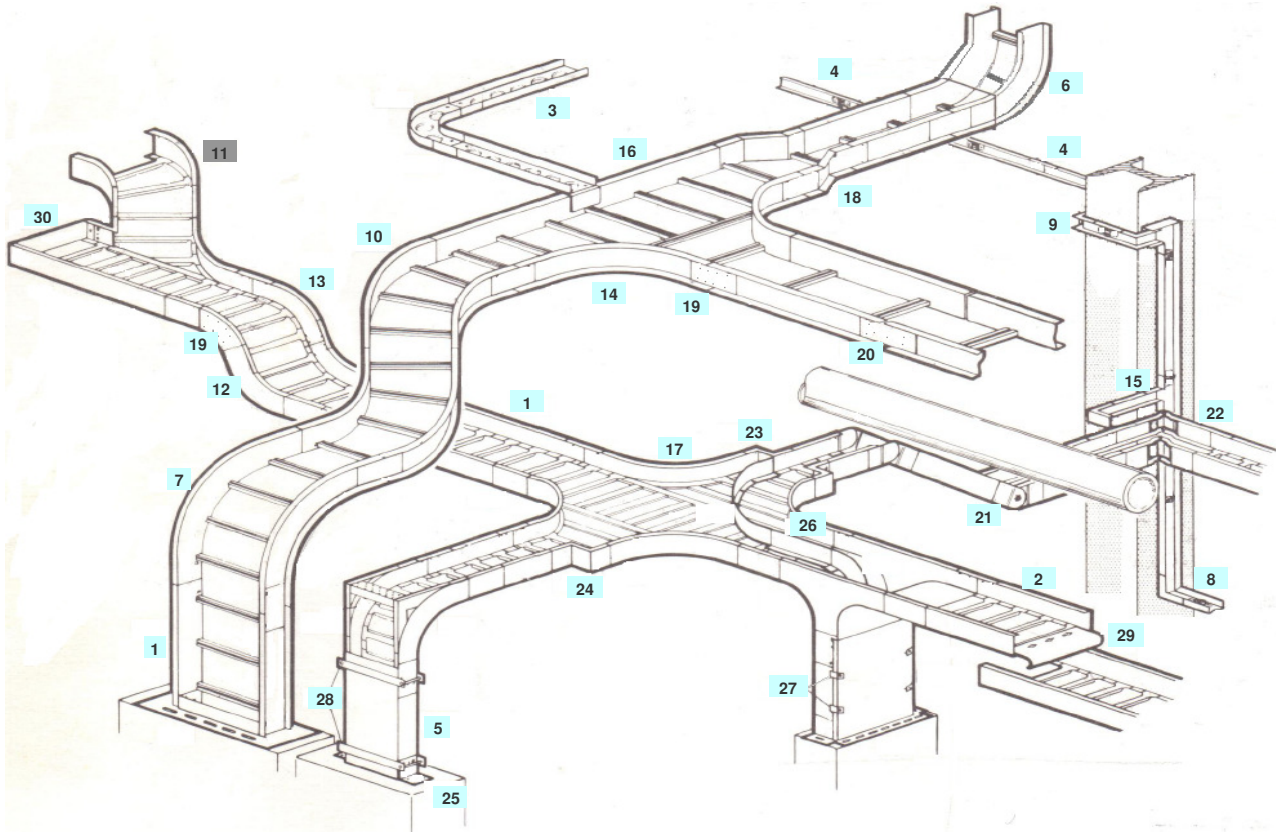


ACS ORIGINALSTRUT®: Reserves the right to change product designs or specifications without prior notice

										
Part No.	Part No.	Part No.	Part No.	Part No.						
ACS ORIGINALSTRUT®; CABLE LADDER - STEEL & ALUMINIUM										
COVER STR.12B 16A 20B 20C										
CLHGSTW100	02 - 15	CLHGERWOW100	02 - 16	LHGHDB12B	02 - 17	LHGINFSPC	02 - 20	LAL8STW600	02 - 25	
CLHGSTW200	02 - 15	CLHGERWOW200	02 - 16	LHGHDB16A	02 - 17	DROP-OUT	02 - 20	STR.COVER-ALUMINIUM		
CLHGSTW300	02 - 15	CLHGERWOW300	02 - 16	LHGHDB20B	02 - 17	J HOOK COVER CLAMP			CLALSTW100	02 - 26
CLHGSTW450	02 - 15	CLHGERWOW450	02 - 16	LHGHDB20C	02 - 17	LHGCJ4W100	02 - 21	CLALSTW200	02 - 26	
CLHGSTW600	02 - 15	CLHGERWOW600	02 - 16	NEMA LADDER ACCESSORIES-			LHGCJ4W200	02 - 21	CLALSTW300	02 - 26
CLHGSTW100RO	02 - 15	STR.REDUCERS COVER			HHS1016	02 - 18	LHGCJ4W300	02 - 21	CLALSTW450	02 - 26
CLHGSTW200RO	02 - 15	CLHGSRW100	02 - 16	HHS0830	02 - 18	LHGCJ4W450	02 - 21	CLALSTW600	02 - 26	
CLHGSTW300RO	02 - 15	CLHGSRW200	02 - 16	P1007	02 - 18	LHGCJ4W600	02 - 21	COVER PKD. STR.-ALUMINIUM		
CLHGSTW450RO	02 - 15	CLHGSRW300	02 - 16	HRMSM0820	02 - 18	LHGCJ5W100	02 - 21	CLALPKW100	02 - 26	
CLHGSTW600RO	02 - 15	CLHGSRW450	02 - 16	FW08	02 - 18	LHGCJ5W200	02 - 21	CLALPKW200	02 - 26	
COVER PKD. STR.		CLHGSRW600	02 - 16	P1006	02 - 18	LHGCJ5W300	02 - 21	CLALPKW300	02 - 26	
CLHGPKW100	02 - 15	CLHGSRWOW100	02 - 16	CHB1020	02 - 18	LHGCJ5W450	02 - 21	CLALPKW450	02 - 26	
CLHGPKW200	02 - 15	CLHGSRWOW200	02 - 16	HN10	02 - 18	LHGCJ5W600	02 - 21	CLALPKW600	02 - 26	
CLHGPKW300	02 - 15	CLHGSRWOW300	02 - 16	HHS1230	02 - 18	LHGCJ9W100	02 - 21	VENTILATED COVER-ALUMINIUM		
CLHGPKW450	02 - 15	CLHGSRWOW450	02 - 16	P1010	02 - 18	LHGCJ9W200	02 - 21	CLALVSW100	02 - 26	
CLHGPKW600	02 - 15	CLHGSRWOW600	02 - 16	HRMSM0820	02 - 18	LHGCJ9W300	02 - 21	CLALVSW200	02 - 26	
CLHGPKW100RO	02 - 15	LH REDUCERS COVER			FW08	02 - 18	LHGCJ9W450	02 - 21	CLALVSW300	02 - 26
CLHGPKW200RO	02 - 15	CLHGLRW100	02 - 16	P1006	02 - 18	LHGCJ9W600	02 - 21	CLALVSW450	02 - 26	
CLHGPKW300RO	02 - 15	CLHGLRW200	02 - 16	BLIND END PLATE			LHGCJ8W100	02 - 21	CLALVSW600	02 - 26
CLHGPKW450RO	02 - 15	CLHGLRW300	02 - 16	LHGEPAW100	02 - 19	LHGCJ8W200	02 - 21	CABLE LADDER ACCESSORIES		
CLHGPKW600RO	02 - 15	CLHGLRW450	02 - 16	LHGEPAW200	02 - 19	LHGCJ8W300	02 - 21	ALUMINIUM		
VENTILATED COVER		CLHGLRW600	02 - 16	LHGEPAW300	02 - 19	LHGCJ8W450	02 - 21	BEND-AL		
CLHGVSW100	02 - 15	CLHGLRWOW100	02 - 16	LHGEPAW450	02 - 19	LHGCJ8W600	02 - 21	LALBE5W100	02 - 27	
CLHGVSW200	02 - 15	CLHGLRWOW200	02 - 16	LHGEPAW600	02 - 19	COVER CLIPS			LALBE5W200	02 - 27
CLHGVSW300	02 - 15	CLHGLRWOW300	02 - 16	LHGEPAW100	02 - 19	LS6CVC12B	02 - 21	LALBE5W300	02 - 27	
CLHGVSW450	02 - 15	CLHGLRWOW450	02 - 16	LHGEPSW200	02 - 19	LS6CVC16A	02 - 21	LALBE5W450	02 - 27	
CLHGVSW600	02 - 15	CLHGLRWOW600	02 - 16	LHGEPSW300	02 - 19	LS6CVC20B	02 - 21	LALBE5W600	02 - 27	
CLHGVSW100RO	02 - 15	RH REDUCERS COVER			LHGEPSW450	02 - 19	LS6CVC20C	02 - 21	LALBE7W100	02 - 27
CLHGVSW200RO	02 - 15	CLHGRRW100	02 - 16	LHGEPSW600	02 - 19	Z HOLD DOWN CLAMP			LALBE7W200	02 - 27
CLHGVSW300RO	02 - 15	CLHGRRW200	02 - 16	LHGEPSW100	02 - 19	LHGZHCH075	02 - 21	LALBE7W300	02 - 27	
CLHGVSW450RO	02 - 15	CLHGRRW300	02 - 16	LHGEPSW200	02 - 19	LHGZHCH100	02 - 21	LALBE7W450	02 - 27	
CLHGVSW600RO	02 - 15	CLHGRRW450	02 - 16	LHGEPSW300	02 - 19	LHGZHCH130	02 - 21	LALBE7W600	02 - 27	
BEND COVER		CLHGRRW600	02 - 16	LHGEPSW450	02 - 19	LHGZHCH150	02 - 21	LALBE8W100	02 - 27	
CLHGBEW100	02 - 16	CLHGRRWOW100	02 - 16	LHGEPSW600	02 - 19	SQ.HOLD DOWN			LALBE8W200	02 - 27
CLHGBEW200	02 - 16	CLHGRRWOW200	02 - 16	LHGEPSW100	02 - 19	LHGSQH4040	02 - 21	LALBE8W300	02 - 27	
CLHGBEW300	02 - 16	CLHGRRWOW300	02 - 16	LHGEPSW200	02 - 19	COVER STRAPS			LALBE8W450	02 - 27
CLHGBEW450	02 - 16	CLHGRRWOW450	02 - 16	LHGEPSW300	02 - 19	LHGCVS4W100	02 - 21	LALBE8W600	02 - 27	
CLHGBEW600	02 - 16	CLHGRRWOW600	02 - 16	LHGEPSW450	02 - 19	LHGCVS4W200	02 - 21	COVER BEND-AL		
CLHGBEWOW100	02 - 16	REDUCERS PLATE			LHGEPSW600	02 - 19	LHGCVS4W300	02 - 21	CLALBEW100	02 - 27
CLHGBEWOW200	02 - 16	LHGRP4W100	02 - 17	STR.SPICE PLATE			LHGCVS4W450	02 - 21	CLALBEW200	02 - 27
CLHGBEWOW300	02 - 16	LHGRP4W200	02 - 17	LHGSSPH075	02 - 19	LHGCVS4W600	02 - 21	CLALBEW300	02 - 27	
CLHGBEWOW450	02 - 16	LHGRP4W300	02 - 17	LHGSSPH100	02 - 19	CROSS-AL			CLALBEW450	02 - 27
CLHGBEWOW600	02 - 16	LHGRP4W450	02 - 17	LHGSSPH130	02 - 19	LHGCVS5W100	02 - 21	CLALCEW100	02 - 27	
CROSS COVER		LHGRP4W600	02 - 17	LHGSSPH150	02 - 19	LHGCVS5W200	02 - 21	CLALCEW200	02 - 27	
CLHGCEW100	02 - 16	LHGRP5W100	02 - 17	LADDER SEPARATOR			LHGCVS5W300	02 - 21	CLALCEW300	02 - 27
CLHGCEW200	02 - 16	LHGRP5W200	02 - 17	LHGSEPH075	02 - 19	LHGCVS5W450	02 - 21	CLALCEW450	02 - 27	
CLHGCEW300	02 - 16	LHGRP5W300	02 - 17	LHGSEPH100	02 - 19	LHGCVS5W600	02 - 21	LALCE7W100	02 - 27	
CLHGCEW450	02 - 16	LHGRP5W450	02 - 17	LHGSEPH130	02 - 19	WITH CLAMP			LALCE7W200	02 - 27
CLHGCEW600	02 - 16	LHGRP5W600	02 - 17	LHGSEPH150	02 - 19	LHGSEPCP	02 - 19	LALCE7W300	02 - 27	
CLHGCEWOW100	02 - 16	LADDER SEPARATOR			CONNECTOR			LALCE7W450	02 - 27	
CLHGCEWOW200	02 - 16	LHGRP9W100	02 - 17	LHGSEPH100	02 - 19	LHGSPH075	02 - 20	LALCE7W600	02 - 27	
CLHGCEWOW300	02 - 16	LHGRP9W200	02 - 17	LHGSEPH130	02 - 19	LHGSPH100	02 - 20	LALCE8W100	02 - 27	
CLHGCEWOW450	02 - 16	LHGRP9W300	02 - 17	LHGSEPH150	02 - 19	LHGSPH130	02 - 20	LALCE8W200	02 - 27	
CLHGCEWOW600	02 - 16	LHGRP9W450	02 - 17	LADDER ACCESSORIES			LHGSPH150	02 - 20	LALCE8W300	02 - 27
TEE COVER		LHGRP9W600	02 - 17	CONNECTION			LHGSPH100	02 - 20	LALCE8W450	02 - 27
CLHGTW100	02 - 16	LHGRP8W100	02 - 17	LHGSPH075	02 - 19	LHGSPH130	02 - 20	LALCE8W600	02 - 27	
CLHGTW200	02 - 16	LHGRP8W200	02 - 17	LHGSPH100	02 - 19	LHGSPH150	02 - 20	COVER CROSS-AL		
CLHGTW300	02 - 16	LHGRP8W300	02 - 17	LHGSPH130	02 - 19	CABLE LADDER ALUMINIUM			CLALCEW100	02 - 27
CLHGTW450	02 - 16	LHGRP8W450	02 - 17	LHGSPH150	02 - 19	LAL5STW100	02 - 23	CLALCEW200	02 - 27	
CLHGTW600	02 - 16	LHGRP8W600	02 - 17	SPICE PLATE 90°			LAL5STW200	02 - 23	CLALCEW300	02 - 27
CLHGTWOW100	02 - 16	SPICE PLATE			LHG90SH075	02 - 19	LAL5STW300	02 - 23	CLALCEW450	02 - 27
CLHGTWOW200	02 - 16	LHGSSP12B	02 - 17	LHG90SH100	02 - 19	LAL5STW450	02 - 23	CLALCEW600	02 - 27	
CLHGTWOW300	02 - 16	LHGSSP16A	02 - 17	LHG90SH130	02 - 19	LAL7STW100	02 - 24	TEE-AL		
CLHGTWOW450	02 - 16	LHGSSP20B	02 - 17	LHG90SH150	02 - 19	LAL7STW200	02 - 24	LALTE5W100	02 - 27	
CLHGTWOW600	02 - 16	LHGSSP20C	02 - 17	VER SPICE PLATE			LAL7STW300	02 - 24	LALTE5W200	02 - 27
TERNAL RISER COVER		LHGVSHP16A	02 - 17	LHGVSHP075	02 - 20	LAL7STW450	02 - 24	LALTE5W300	02 - 27	
CLHGIRW100	02 - 16	LHGVSHP20B	02 - 17	LHGVSHP100	02 - 20	LAL7STW600	02 - 24	LALTE5W450	02 - 27	
CLHGIRW200	02 - 16	LHGVSHP20C	02 - 17	LHGVSHP130	02 - 20	H125			LALTE5W600	02 - 27
CLHGIRW300	02 - 16	LHGVSHP20C	02 - 17	LHGVSHP150	02 - 20	LAL7STW100	02 - 24	LALTE7W100	02 - 27	
CLHGIRW450	02 - 16	HINGED HORIZONTAL SPICE			LHGSPH075	02 - 20	LAL7STW200	02 - 24	LALTE7W200	02 - 27
CLHGIRW600	02 - 16	LHGSPH12B	02 - 17	LHGSPH100	02 - 20	LAL7STW300	02 - 24	LALTE7W300	02 - 27	
CLHGIRWOW100	02 - 16	LHGSPH16A	02 - 17	LHGSPH130	02 - 20	LAL7STW450	02 - 24	LALTE7W450	02 - 27	
CLHGIRWOW200	02 - 16	LHGSPH20B	02 - 17	LHGSPH150	02 - 20	LAL7STW600	02 - 24	LALTE7W600	02 - 27	
CLHGIRWOW300	02 - 16	LHGSP20C	02 - 17	DIVIDER STRIP			LALTE8W100	02 - 27	LALTE8W200	02 - 27
CLHGIRWOW450	02 - 16	LHGDVS12B	02 - 17	LHGDVSH075	02 - 20	LAL8STW100	02 - 25	LALTE8W300	02 - 27	
CLHGIRWOW600	02 - 16	LHGDVS16A	02 - 17	LHGDVSH100	02 - 20	LAL8STW200	02 - 25	LALTE8W450	02 - 27	
TERNAL RISER COVER		LHGDVS20B	02 - 17	LHGDVSH130	02 - 20	LAL8STW300	02 - 25	LALTE8W600	02 - 27	
CLHGERW100	02 - 16	LHGDVS20C	02 - 17	LHGDVSH150	02 - 20	LAL8STW450	02 - 25			
CLHGERW200	02 - 16									
CLHGERW300	02 - 16									
CLHGERW450	02 - 16									
CLHGERW600	02 - 16									

Part No.		Part No.		Part No.		Part No.		Part No.	
ACS ORIGINALSTRUT®; CABLE LADDER - STEEL & ALUMINIUM									
COVER TEE-AL									
CLALTEW100	02 - 27	CLALRRW450	02 - 29	LALRP5W600	02 - 31	USL4600	02 - 33	USLR4600	02 - 33
CLALTEW200	02 - 27			LALRP7W100	02 - 31	USL7075	02 - 33	USLR7075	02 - 33
CLALTEW300	02 - 27	LH REDUCER - AL		LALRP7W200	02 - 31	USL7100	02 - 33	USLR7100	02 - 33
CLALTEW450	02 - 27	LALLR5W100	02 - 29	LALRP7W300	02 - 31	USL7150	02 - 33	USLR7150	02 - 33
CLALTEW600	02 - 27	LALLR5W200	02 - 29	LALRP7W450	02 - 31	USL7200	02 - 33	USLR7200	02 - 33
IN. RISER-AL		LALLR5W300	02 - 29	LALRP7W600	02 - 31	USL7250	02 - 33	USLR7250	02 - 33
LALIR5W100	02 - 28	LALLR5W450	02 - 29			USL7300	02 - 33	USLR7300	02 - 33
LALIR5W200	02 - 28	LALLR7W100	02 - 29	LALRP8W100	02 - 31	USL7400	02 - 33	USLR7400	02 - 33
LALIR5W300	02 - 28	LALLR7W200	02 - 29	LALRP8W200	02 - 31	USL7500	02 - 33	USLR7500	02 - 33
LALIR5W450	02 - 28	LALLR7W300	02 - 29	LALRP8W300	02 - 31	USL7600	02 - 33	USLR7600	02 - 33
LALIR5W600	02 - 28	LALLR7W450	02 - 26	LALRP8W450	02 - 31	VERTICAL TEE (USLE)		TEE (USLT)	
LALIR7W100	02 - 28	LALLR8W100	02 - 29	LALRP8W600	02 - 31	USLE3075	02 - 33	USLT3075	02 - 34
LALIR7W200	02 - 28	LALLR8W200	02 - 29			USLE3100	02 - 33	USLT3100	02 - 34
LALIR7W300	02 - 28	LALLR8W300	02 - 29	COVER CLAMP		USLE3150	02 - 33	USLT3150	02 - 34
LALIR7W450	02 - 28	LALLR8W450	02 - 29	H100		USLE3200	02 - 33	USLT3200	02 - 34
LALIR7W600	02 - 28	COVER REDUCER LH. - AL		LALCVCH100	02 - 32	USLE3250	02 - 33	USLT3250	02 - 34
LALIR8W100	02 - 28	CLALLRW100	02 - 29	H125		USLE3300	02 - 33	USLT3300	02 - 34
LALIR8W200	02 - 28	CLALLRW200	02 - 29	LALCVCH125	02 - 32	USLE3400	02 - 33	USLT3400	02 - 34
LALIR8W300	02 - 28	CLALLRW300	02 - 29	H150		USLE3500	02 - 33	USLT3500	02 - 34
LALIR8W450	02 - 28	CLALLRW450	02 - 29	LALCVCH150	02 - 32	USLE3600	02 - 33	USLT3600	02 - 34
LALIR8W600	02 - 28			Z HOLD DOWN CAMP		USLE4075	02 - 33	USLT4075	02 - 34
COVER IN. RISER-AL		ACCESSORIES AND		H100		USLE4100	02 - 33	USLT4100	02 - 34
CLALIRW100	02 - 28	FASTENERS - ALUMINIUM		LALZHCH100	02 - 32	USLE4150	02 - 33	USLT4150	02 - 34
CLALIRW200	02 - 28			H125		USLE4200	02 - 33	USLT4200	02 - 34
CLALIRW300	02 - 28	BLIND END PLATE - AL		LALZHCH125	02 - 32	USLE4250	02 - 33	USLT4250	02 - 34
CLALIRW450	02 - 28	LALP5W100	02 - 30	H150		USLE4300	02 - 33	USLT4300	02 - 34
CLALIRW600	02 - 28	LALP5W200	02 - 30	LALZHCH150	02 - 32	USLE4400	02 - 33	USLT4400	02 - 34
EX. RISER-AL		LALP5W300	02 - 30			USLE4500	02 - 33	USLT4500	02 - 34
LALER5W100	02 - 28	LALP5W450	02 - 30	DIVIDER STRIP		USLE4600	02 - 33	USLT4600	02 - 34
LALER5W200	02 - 28	LALP5W600	02 - 30	LALDVSH100	02 - 32	USLE7075	02 - 33	USLT7075	02 - 34
LALER5W300	02 - 28	LALP7W100	02 - 30	LALDVSH125	02 - 32	USLE7100	02 - 33	USLT7100	02 - 34
LALER5W450	02 - 28	LALP7W200	02 - 30	LALDVSH150	02 - 32	USLE7150	02 - 33	USLT7150	02 - 34
LALER5W600	02 - 28	LALP7W300	02 - 30	COVER CLIPS		USLE7200	02 - 33	USLT7200	02 - 34
LALER7W100	02 - 28	LALP7W450	02 - 30	LS6CVC12A	02 - 32	USLE7250	02 - 33	USLT7250	02 - 34
LALER7W200	02 - 28	LALP7W600	02 - 30	LS6CVC16A	02 - 32	USLE7300	02 - 33	USLT7300	02 - 34
LALER7W300	02 - 28	LALP8W100	02 - 30	LS6CVC20A	02 - 32	USLE7400	02 - 33	USLT7400	02 - 34
LALER7W450	02 - 28	LALP8W200	02 - 30			USLE7500	02 - 33	USLT7500	02 - 34
LALER7W600	02 - 28	LALP8W300	02 - 30	SQ.HOLD DOWN-AL		USLE7600	02 - 33	USLT7600	02 - 34
LALER8W100	02 - 28	LALP8W450	02 - 30	LALSOH4040	02 - 32	90° BEND (USLB)		Straight Coupler	
LALER8W200	02 - 28	LALP8W600	02 - 30			USLB3075	02 - 33	USLSC3	02 - 34
LALER8W300	02 - 28			RIGID HOLD DOWN BRACKET-AL		USLB3100	02 - 33	USLSC4	02 - 34
LALER8W450	02 - 28	LADDER-ALUMINIUM		LALRGH4040	02 - 32	USLB3150	02 - 33	USLSC7	02 - 34
LALER8W600	02 - 28	ACCESSORIES				USLB3200	02 - 33	Vertical Hinged coupler	
COVER EX. RISER-AL		ST. SPLICE PLATE		INTERFACE SPACER-AL		USLB3250	02 - 33	USLVC3	02 - 34
CLALERW100	02 - 28	H100	02 - 30	LALINFSPC	02 - 32	USLB3300	02 - 33	USLVC4	02 - 34
CLALERW200	02 - 28	H125				USLB3400	02 - 33	USLVC7	02 - 34
CLALERW300	02 - 28	LALSSPH125	02 - 30	COVER STRAPS		USLB3500	02 - 33	HOLD DOWN CLAMP	
CLALERW450	02 - 28	H150		LS6CVS5W100	02 - 32	USLB3600	02 - 33	USLHDC3	02 - 34
CLALERW600	02 - 28	LALSSPH150	02 - 30	LS6CVS5W200	02 - 32	USLB4075	02 - 33	USLHDC4	02 - 34
STR. REDUCER - AL		LADDER SEPARATOR		LS6CVS5W300	02 - 32	USLB4100	02 - 33	USLHDC7	02 - 34
LALSR5W100	02 - 28	H100		LS6CVS5W450	02 - 32	USLB4150	02 - 33	DIVIDER STRIP	
LALSR5W200	02 - 28	LALSEPH100	02 - 30	LS6CVS5W600	02 - 32	USLB4200	02 - 33	USLDIV3	02 - 34
LALSR5W300	02 - 28	H125				USLB4250	02 - 33	USLDIV4	02 - 34
LALSR5W450	02 - 28	LALSEPH125	02 - 30	LS6CVS7W100	02 - 32	USLB4300	02 - 33	USLDIV7	02 - 34
LALSR7W100	02 - 28	H150		LS6CVS7W200	02 - 32	USLB4400	02 - 33	ROUND HEAD BOLT	
LALSR7W200	02 - 28	LALSEPH150	02 - 30	LS6CVS7W300	02 - 32	USLB4500	02 - 33	NBPM1020	02 - 34
LALSR7W300	02 - 28	SPLICE PLATE 90°		LS6CVS7W450	02 - 32	USLB4600	02 - 33	NBPM1025	02 - 34
LALSR7W450	02 - 28	H100		LS6CVS7W600	02 - 32	USLB7075	02 - 33	NBPM1030	02 - 34
LALSR8W100	02 - 28	LAL90SH100	02 - 31			USLB7100	02 - 33	NBPM1035	02 - 34
LALSR8W200	02 - 28	H125		LS6CVS8W100	02 - 32	USLB7150	02 - 33	HNM10	02 - 34
LALSR8W300	02 - 28	LAL90SH125	02 - 31	LS6CVS8W200	02 - 32	USLB7200	02 - 33	FWM10	02 - 34
LALSR8W450	02 - 28	H150		LS6CVS8W300	02 - 32	USLB7250	02 - 33	SWM10	02 - 34
COVER STR.REDUCTOR-AL		LAL90SH150	02 - 31	LS6CVS8W450	02 - 32	USLB7300	02 - 33		
CLALSRW100	02 - 28	HORI. SPLICE PLATE		LS6CVS8W600	02 - 32	USLB7400	02 - 33		
CLALSRW200	02 - 28	H100				USLB7500	02 - 33	FRP CABLE LADDER & ACCESSORIES	
CLALSRW300	02 - 28	LALHSPH100	02 - 31	MARINE LADDER - STEEL		USLB7600	02 - 33	CABLE LADDER STR.	02 - 35
CLALSRW450	02 - 28	H125		MARINE LADDER (USL)		90° RISER (USLR)		CABLE LADDER STR.	
RH REDUCER - AL		LALHSPH125	02 - 31	USL3075	02 - 33	USLR3075	02 - 33	WITH COVER	02 - 35
LALRR5W100	02 - 29	H150		USL3100	02 - 33	USLR3100	02 - 33	HORI. BEND	02 - 35
LALRR5W200	02 - 29	LALHSPH150	02 - 31	USL3150	02 - 33	USLR3150	02 - 33	HORI. TEE	02 - 35
LALRR5W300	02 - 29			USL3200	02 - 33	USLR3200	02 - 33	IN.VER. BEND	02 - 35
LALRR5W450	02 - 29	VER.SPLICE PLATE		USL3250	02 - 33	USLR3250	02 - 33	OUT.VER. BEND	02 - 35
LALRR7W100	02 - 29	H100		USL3300	02 - 33	USLR3300	02 - 33	HORI. CROSS	02 - 35
LALRR7W200	02 - 29	LALVSPH100	02 - 31	USL3400	02 - 33	USLR3400	02 - 33	STR. REDUCER	02 - 35
LALRR7W300	02 - 29	H125		USL3500	02 - 33	USLR3500	02 - 33	LH/RH REDUCER	02 - 35
LALRR7W450	02 - 29	LALVSPH125	02 - 31	USL3600	02 - 33	USLR3600	02 - 33	SPLICE PLATE	02 - 35
LALRR8W100	02 - 29	H150		USL4075	02 - 33	USLR4075	02 - 33		
LALRR8W200	02 - 29	LALVSPH150	02 - 31	USL4100	02 - 33	USLR4100	02 - 33		
LALRR8W300	02 - 29	REDUCER PLATE		USL4150	02 - 33	USLR4150	02 - 33		
LALRR8W450	02 - 29	LALRP5W100	02 - 31	USL4200	02 - 33	USLR4200	02 - 33		
COVER RH REDUCER - AL		LALRP5W200	02 - 31	USL4250	02 - 33	USLR4250	02 - 33		
CLALRRW100	02 - 29	LALRP5W300	02 - 31	USL4300	02 - 33	USLR4300	02 - 33		
CLALRRW200	02 - 29	LALRP5W450	02 - 31	USL4400	02 - 33	USLR4400	02 - 33		
CLALRRW300	02 - 29			USL4500	02 - 33	USLR4500	02 - 33		

ACS ORIGINALSTRUT®; CABLE LADDER, CABLE TRAY, DUCT & TRUNKING SYSTEMS


- | | | | | | |
|----|-----------------------------------|----|-----------------------------|----|---------------------------|
| 1 | Straight Length (Cable Ladder) | 11 | 45° Horizontal Elbow | 21 | Adj. Vertical Connector |
| 2 | Straight Length (Cable Ladder) | 12 | 45° Internal Vertical Elbow | 22 | Adj. Horizontal Connector |
| 3 | Straight Length (Cable Tray) | 13 | 45° External Vertical Elbow | 23 | Reducer Plate |
| 4 | Straight Length (Duct & Trunking) | 14 | Horizontal Tee | 24 | Offset Reducer |
| 5 | Flat Covers | 15 | Cable Duct Tee Connector | 25 | 90° Splice Plate |
| 6 | Internal 90° Vertical Elbow | 16 | Horizontal Tee | 26 | Straight Divider |
| 7 | External 90° Vertical Elbow | 17 | Horizontal Cross | 27 | Cover Connector Clip |
| 8 | Cable Duct 90° Internal Elbow | 18 | Straight Reducers | 28 | Cover Connector Strap |
| 9 | Cable Duct 90° External Elbow | 19 | Splice Plate | 29 | Dropout |
| 10 | 45° Horizontal Elbow | 20 | Expansion Connector | 30 | Blind End. |

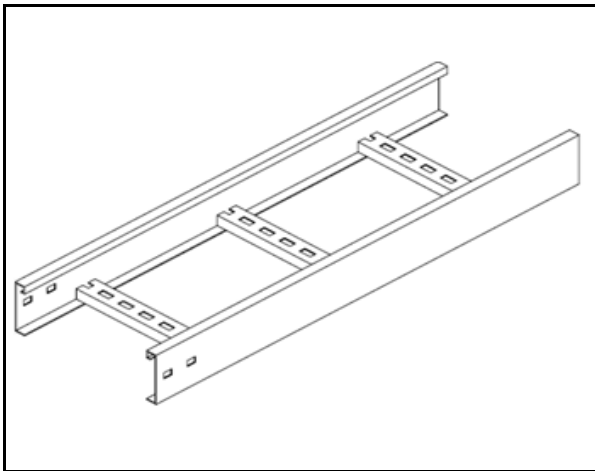
ACS ORIGINALSTRUT®;CABLE LADDER

GENERAL INFORMATION

ACS ORIGINALSTRUT®; manufacture and market the largest range of cable ladder systems for the global Electrical Industry, this extensive range of cable ladder support systems includes a comprehensive range of steel, aluminium and FRP cable ladders load rated to NEMA Standard VE1- 2009, steel cable ladders can be manufactured to side-rail in or side-rail out configuration depending on project requirements

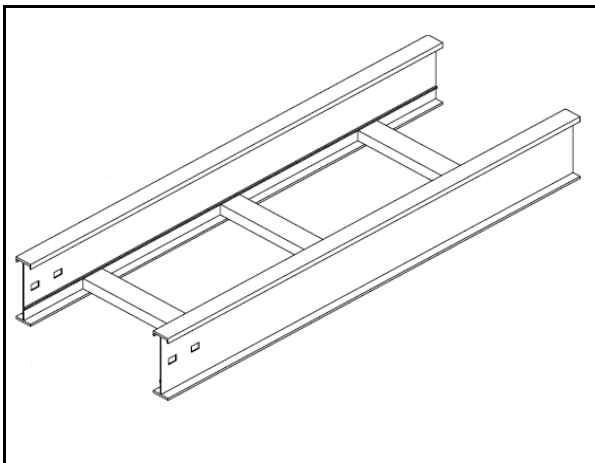
In cases where extremely high corrosion resistance is required, stainless steel and FRP cable ladder systems are available, all our cable ladder systems are complemented with a complete range of accessories: Horizontal Bends, Internal and External Risers, Tees, Crosses, Reducers, Hinged Horizontal and Vertical Splices, Adjustable Risers, Covers, Divider Strip, Dropouts, Adjustable Cantilever Support, Brackets and Cable Clamps

ACS ORIGINALSTRUT®; Cable Ladder - STEEL



Height	75, 100, 130, 150 MM
Cable laying depth	54, 79, 109, 129 MM
Length	3 M or 6 M
Widths	100,200,300,450,600,900 MM

ACS ORIGINALSTRUT®; Cable Ladder - ALUMINIUM



Height	100, 125, 150 MM
Cable laying depth	77,100,129 MM
Length	3 M or 6 M
Widths	100,200,300,450,600,900 MM

PRODUCT CABLE LADDER

These ladders carry large cables with high voltage power carrying capacity, used on all major industrial sites. Ladders come in various strengths depending on loading capacity and in either 3 or 6m lengths, materials used, Steel Hot Dipped Galvanised, Aluminium, Stainless steel SS304 / SS316, Epoxy painted steel



ACS ORIGINALSTRUT®; CABLE LADDER NEMA RATED

GENERAL INFORMATION

The following notes are presented in order to assist users to achieve maximum economy and convenience with the installation of cable support systems, as each application will have its own particular conditions and requirements it is recommended that the services of ACS ORIGINALSTRUT®; sales personnel and engineering team be engaged, especially in the early stages of any major project, so that the best overall result can be achieved

Standard Sizes

Standard ladder widths are 100mm, 200mm, 300mm, 450mm, 600mm and 900mm, being the inside dimension between side-rails and is the maximum width available for carrying cables. Straight lengths are 3m or 6m long. Standard rung spacing on all systems is 300mm nominal

Each system includes a full range of standard accessories, with a nominal radius of 300mm, 450mm and 600mm, depending on the system load class. Non-standard ladder widths and accessory radii can be manufactured against order

Load Capacity

a) Cable Load - Because cable density remains fairly constant in a total installation, the widest ladders carry the most load, and each smaller width carries proportionately less load however, the load carrying capacity of any class of ladder is independent of the width

For details on how safe working loads are determined, refer to the NEMA VE 1-2009 Standard and to published load graphs for allowable loads of each ladder type

b) Fixed Ladder Spans - It is commonly found that the building structure supporting cable ladders will dictate the span, but it is still possible to exercise some choice. Where the cabling is heaviest, and this is not usually extensive, it is possible to use (say) two 300mm wide ladders side by side instead of one 600mm wide, in order to select a lighter category of ladder for the total project, it is often inconvenient to use more than one ladder category in the same installation

c) Varying the Spans - Where the structure does not dictate the ladder span, the heaviest cable runs could be supported more frequently, again enabling a lighter category of ladder to be chosen

Cable Laying Depth

Each of the cable and tray systems has a different cable laying depth, it is a general rule that the shallower the ladder, the lower cost per metre and the more frequently it needs supports. It is sometimes found that the lightest, most economical ladders are excluded from consideration solely because a particular minimum cable laying depth is required and has been specified accordingly

Deflection

Cable ladders are essentially structural members designed to strength requirements only and are required to support pliable load elements therefore, the control of deflection is not necessary for durability or stability reasons and can probably only be justified on purely aesthetic grounds. If normally accepted deflection limits such as 1/360th of span are imposed, the resultant cable ladder will be grossly overdesigned and correspondingly expensive

There may still be locations where the designer wishes to limit visual deflection for example, prestige areas which may be open to public view or where the ladder is installed at eye level and deflection is accentuated, if these conditions exist, it is recommended that closer support spacings be used only in those important locations (to control visual deflection) and normal support spacings elsewhere (for economy). A maximum of 1/180th of span, when deflection is determined from the graphs published in this catalogue, should prove a satisfactory limit for visual deflection

Otherwise, wherever overall economy is the principal consideration, no limits should be placed on deflection, this does not mean that deflection will be excessive but simply that a typically acceptable installation will result and optimum economy will be attained



ACS ORIGINALSTRUT®; CABLE LADDER NEMA RATED

GENERAL INFORMATION

Material Selection

Often the most difficult decision to be made is the selection of material, because it involves the most cost-sensitive of compromises, material choice is directly related to service life and the longer the required life the more expensive will be the materials, the cost of these materials also must be considered as an equation of initial investment versus maintenance costs and eventual replacement

Because service conditions for cable ladders can vary over an enormously wide range, even within a single installation, it is impossible to write down any hard and fast rules on the subject of corrosion and expected lifespan, the following may be considered a guide as to what can be expected from the various materials and finishes currently available for cable support systems

a) **Galvanised Steel** Hot-dipped galvanised steel (after fabrication) is a common selection, as it is economical to purchase and suitable for most conditions of outdoor exposure, for indoor applications, or anywhere that is essentially free from moisture, galvanised ladders can be considered to have an indefinite life. That is, they should last as long as the plant, building, cabling or equipment which they service

On a typical industrial or processing plant installation, exposed to weather, moisture and airborne industrial pollution, a basic life of approximately twenty to twenty five years can be expected. This is not to say that the ladder will be completely corroded in that time but it is the probable life of the corrosion protection finish, beyond that time rapid decay can be expected and maintenance costs will increase substantially in order to keep the ladders serviceable

The twenty to twenty five years life quoted here should be adjusted up or down depending on the circumstances, for example if installed near the coast, the effect of salt laden air may shorten the expected life, also galvanising is sensitive to some chemicals, especially sulphurous compounds, which may be intrinsic to plant operations where the ladder is installed. Correspondingly, a longer life will be expected in lighter industrial situations and if drier conditions exist

b) **Aluminium** Aluminium is also a popular choice of material for cable ladders, most frequently it is selected because of its excellent performance in marine environments such as is found on wharves, coal loaders or similar Port Facilities where salt spray or salt laden atmosphere is present. Another reason for using aluminium is that it offers a long maintenance free life which is important in cases where access for future painting or repairs may be costly and difficult

For any given load class or capacity, aluminium cable ladders are more expensive than their galvanised steel counterparts, aluminium ladders can also be expected to have a greater deflection than an equivalent steel system. On the other hand, they are lighter, more readily handled and are easy to work with, resulting in faster installation and therefore lower installation cost

Aluminium cable ladders can be expected to have a lifespan well in excess of twenty five years in most industrial or marine applications, the exception would be in the case of a local concentration of chemicals which are detrimental to aluminium, alkaline compounds or fumes is a common example but if any doubt exists, the advice of aluminium suppliers should be sought

c) **Stainless Steel** Stainless Steel is sometimes considered as a material for cable ladders, usually where extremely high corrosion resistance, coupled with difficulty of servicing after installation and a high degree of reliability are essential requirements, offshore oil & gas platforms may be one example where these conditions exist

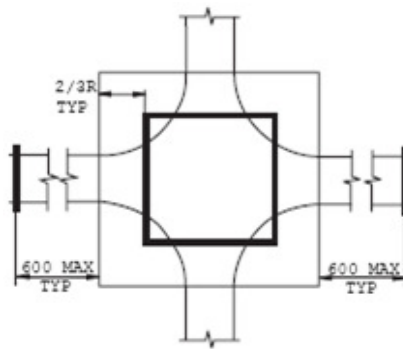
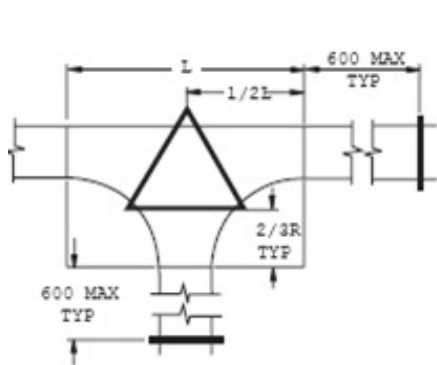
ACS ORIGINALSTRUT®; NEMA CABLE LADDER - ACCESSORY SUPPORTS

Accessories for all Unistrut cable ladder systems are available in six standard widths-100, 200, 300, 450, 600 or 900mm,

System	Std. Radius
12B SCL and 12A ACL	300mm
16A SCL and 20A ACL	450mm
20B, 20C SCL and 20C ACL	600mm

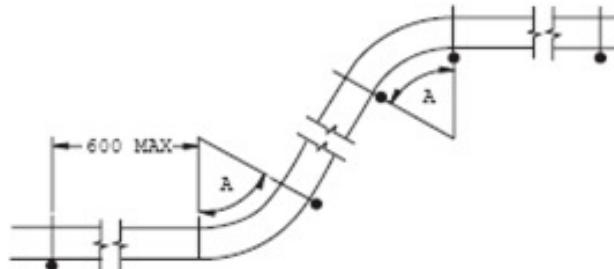
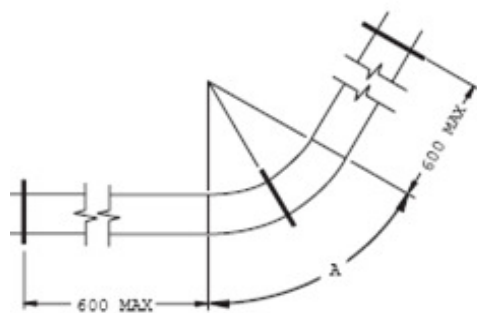
Fixed bends and Internal or External Risers are readily available with a 90° angle, other angles (30°, 45° or 60°) and other radii (300, 450, 600 or 900mm) can be supplied on special request, the radii also applies to Tees and Crosses. All support locations below are in accordance with NEMA standard VE 1-2009.

TEES & CROSSES



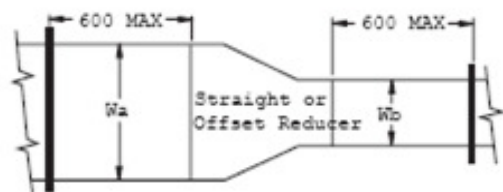
For smaller radius accessories and / or lighter loaded ladders, the support methods shown may be reduced or even eliminated. This is best determined at the point of installation or consult your local Unistrut Service Centre.

RISER & BENDS



For narrower ladders and smaller angles, the bend centre support may be deleted.

STRAIGHT OR OFFSET REDUCER



Straight Reducer plus left and right hand offset reducers are available for all Unistrut Cable Ladder systems.

Major	
Width: Wa	200, 300, 450, 450, 600, 900
Minor	
Width: Wb	100, 200, 300, 450

Reducer splice plates are available for all ladder systems.


ACS ORIGINALSTRUT®; NEMA CABLE LADDER - ACCESSORY SUPPORTS
CABLE LADDER ACCESSORY SUPPORTS - FASTENERS

Fasteners required for fixing of steel and aluminium cable ladder systems:

Fastener Quantities - Steel Cable Ladders			
Splice Plates	Description	Part No.	Quantity
Straight, Reducer, H/H, H/V			
12B	Splice Screw (EZF)	HHS1016	2 per Splice Plate
16A, 16A-RI, 20B, 20B-RI	Splice Screw (HDG) Splice Nut (HDG)	CHB1020 HN10	4 per Splice Plate
20C, 20C-RI	Splice Screw (HDG) Splice Nut (HDG)	CHB1020 HN10	8 per Splice Plate
Accessories			
12B	Splice Screw (EZF)	HHS1016	4 per Bend, Riser or Reducer 6 per Tee, 8 per Cross
16A, 16A-RI, 20B, 20B-RI	Splice Screw (HDG) Splice Nut (HDG)	CHB1020 HN10	8 per Bend, Riser or Reducer 12 per Tee, 24 per Cross
20C, 20C-RI	Splice Screw (HDG) Splice Nut (HDG)	CHB1020 HN10	16 per Bend, Riser or Reducer 24 per Tee, 32 per Cross

Fastener Quantities - Aluminium Cable Ladders			
Splice Plates	Description	Part No.	Quantity
16A, 20B	Splice Screw (SS316)	HHS1016	4 per Splice Plate
20C	Splice Screw (SS316) Splice Nut (Nyloc SS316)	CHB1020 HN10	4 per Splice Plate
Accessories			
20A	Splice Screw (SS316)	HHS1016	8 per Bend, Riser or Reducer 12 per Tee, 16 per Cross
20C	Splice Screw (SS316) Splice Nut (Nyloc SS316)	CHB1020 HN10	8 per Bend, Riser or Reducer 12 per Tee, 16 per Cross

ACS ORIGINALSTRUT®; NEMA 12B CABLE LADDER - STEEL
Technical Data
Cable Laying Depth 54mm

Loading Data

Basic Load Capacity

131kg/lin.m on 3.6m span

424 kg/lin.m on 2.0m span

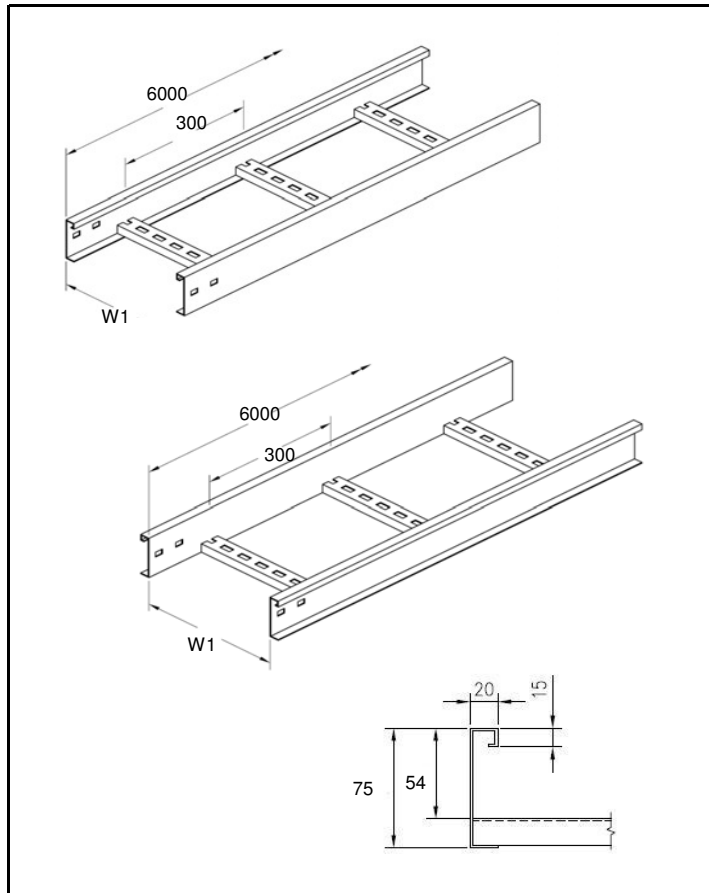
Length 3m & 6m

Rung Spacing 300mm nominal

Finish Hot Dipped Galvanised,
Stainless Steel 304 / 316 or painted

Parts List

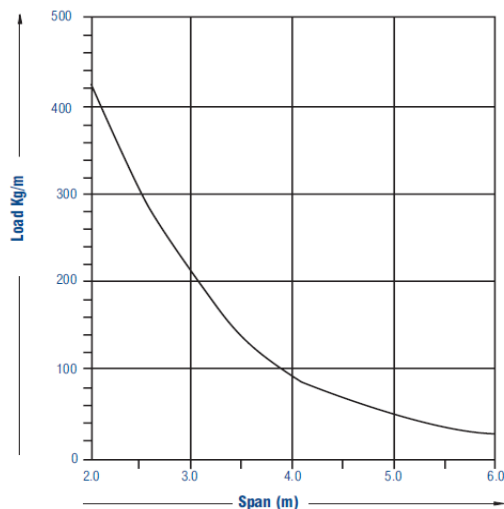
Dim "W"	Part No / SAP Des.
100	LHGST4W100RI
200	LHGST4W200RI
300	LHGST4W300RI
450	LHGST4W450RI
600	LHGST4W600RI
100	LHGST4W100RO
200	LHGST4W200RO
300	LHGST4W300RO
450	LHGST4W450RO
600	LHGST4W600RO

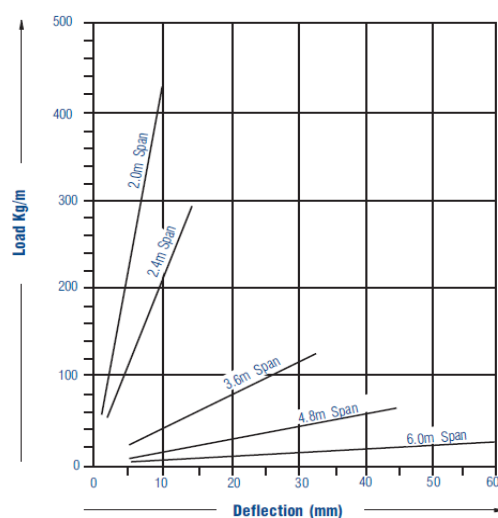

Note : Fire Rated to AS/NZS3013:1995

Appendix B - Classification WS5X.

 Refer to your local Service Centre for load ratings
and correct installation procedures.

* Splice plate & Fixing screws are not included (order separately)

Allowable Load Graph

 Allowable loads are determined generally in accordance with
NEMA Standard VE1 and verified by testing
Safety Factor = 1.5 on collapse load for single span

Deflection Graph

 Deflections shown apply to the end-bays (ie.worst case) of
a continuous ladder run, to find deflection of a single span
multiply by 2.5

ACS ORIGINALSTRUT®; NEMA 16B CABLE LADDER - STEEL
Technical Data
Cable Laying Depth 79mm

Loading Data

Basic Load Capacity

79 kg/lin.m on 6m span

470 kg/lin.m on 3m span

Length 3m & 6m

Rung Spacing 300mm nominal

Finish Hot Dipped Galvanised,
Stainless Steel 304 / 316 or Painted

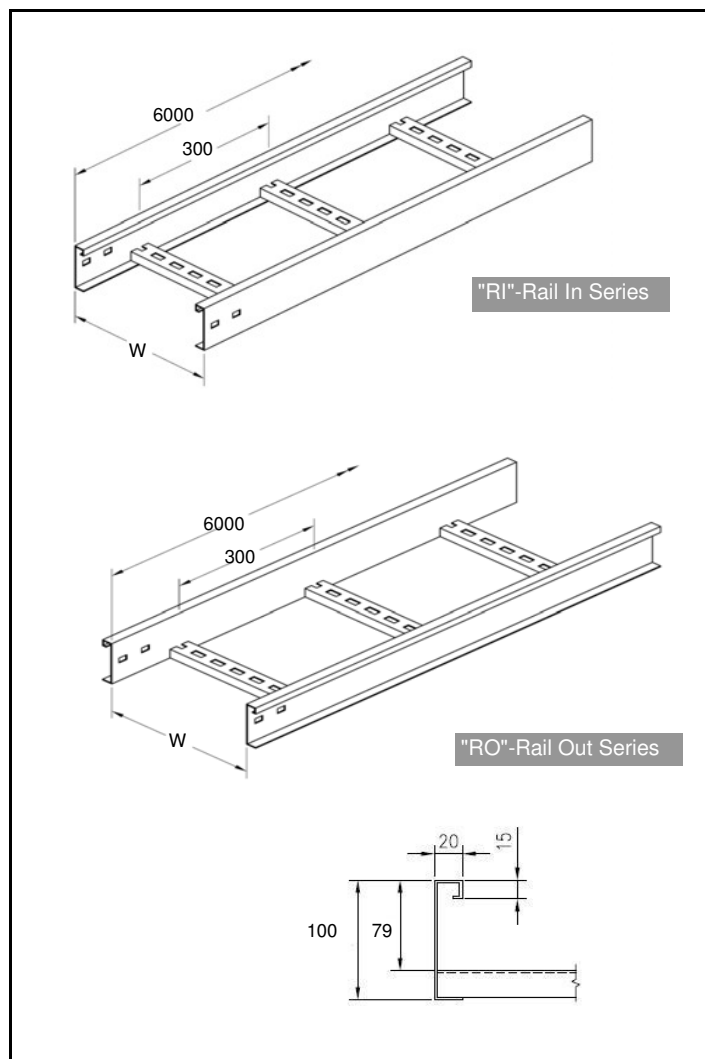
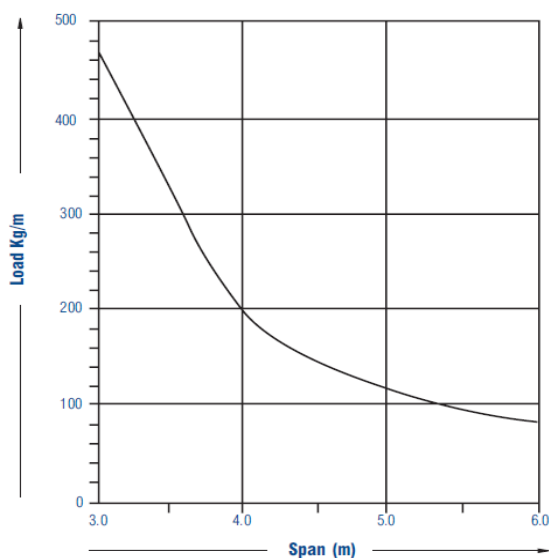
Parts List

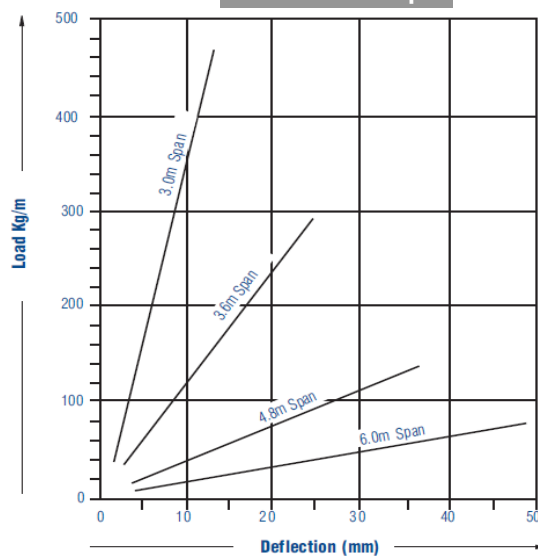
Dim "W"	Type	Part No / SAP Des.
100	Rail In	LHGST5W100RI
200	Rail In	LHGST5W200RI
300	Rail In	LHGST5W300RI
450	Rail In	LHGST5W450RI
600	Rail In	LHGST5W600RI
100	Rail Out	LHGST5W100RO
200	Rail Out	LHGST5W200RO
300	Rail Out	LHGST5W300RO
450	Rail Out	LHGST5W450RO
600	Rail Out	LHGST5W600RO

Note : Fire rated to AS/NZS3013:1995

Appendix B - Classification WS5X.

 Refer to your local Service Centre for load ratings
and correct installation procedures.

 * Splice plate & Fixing screws are not
included (order separately)

Allowable Load Graph

 Allowable loads are determined generally in accordance with
NEMA Standard VE1 and verified by testing.
Safety Factor = 1.5 on collapse load for single span

Deflection Graph

 Deflections shown apply to the end-bays (ie.worst case) of
a continuous ladder run. To find deflection of a single span,
multiply by 2.5

ACS ORIGINALSTRUT®; NEMA 20B CABLE LADDER - STEEL
Technical Data
Cable Laying Depth 109 mm

Loading Data

Basic Load Capacity

136 kg/lin.m on 6m span

573 kg/lin.m on 3m span

Length 3m & 6m

Rung Spacing 300mm nominal

Finish Hot Dipped Galvanised,
Stainless Steel 304 / 316 or Painted

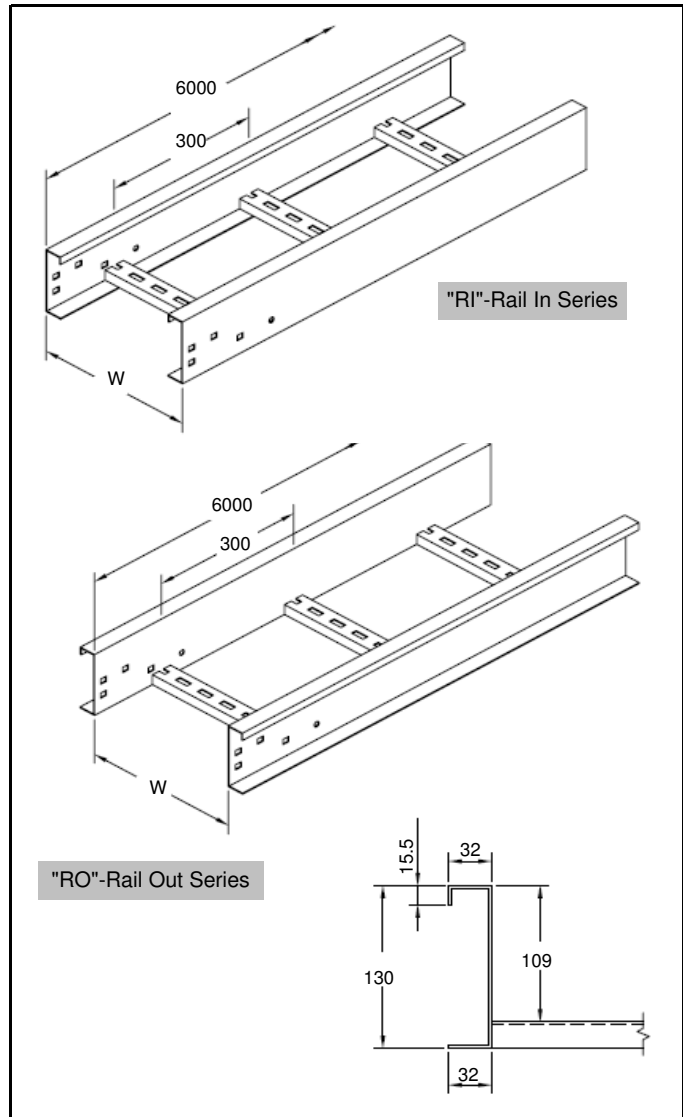
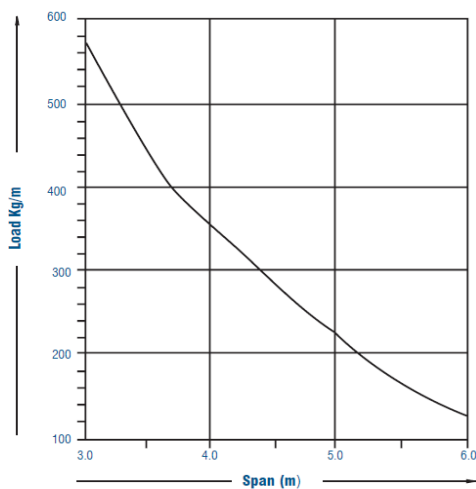
Parts List

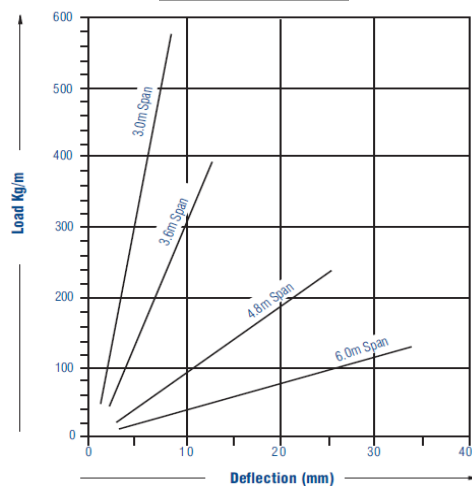
Dim "W"	Type	Part No / SAP Des.
100	Rail In	LHGST9W100RI
200	Rail In	LHGST9W200RI
300	Rail In	LHGST9W300RI
450	Rail In	LHGST9W450RI
600	Rail In	LHGST9W600RI
100	Rail Out	LHGST9W100RO
200	Rail Out	LHGST9W200RO
300	Rail Out	LHGST9W300RO
450	Rail Out	LHGST9W450RO
600	Rail Out	LHGST9W600RO

Note : Fire rated to AS/NZS3013:1995

Appendix B - Classification WS5X.

 Refer to your local Service Centre for load ratings
and correct installation procedures.

 * Splice plate & Fixing screws are not included
(order separately)

Allowable Load Graph

 Allowable loads are determined generally in accordance with
NEMA Standard VE1 and verified by testing.
Safety Factor = 1.5 on collapse load for single span

Deflection Graph

 Deflections shown apply to the end-bays (ie.worst case)
of a continuous ladder run. To find deflection of a single span,
multiply by 2.5

ACS ORIGINALSTRUT®; NEMA 20C CABLE LADDER - STEEL
Technical Data
Cable Laying Depth 129 mm

Loading Data

Basic Load Capacity

168 kg/lin.m on 6m span

653 kg/lin.m on 3m span

Length 3m & 6m

Rung Spacing 300mm nominal

Finish Hot Dipped Galvanised,
Stainless Steel 304 / 316 or Painted

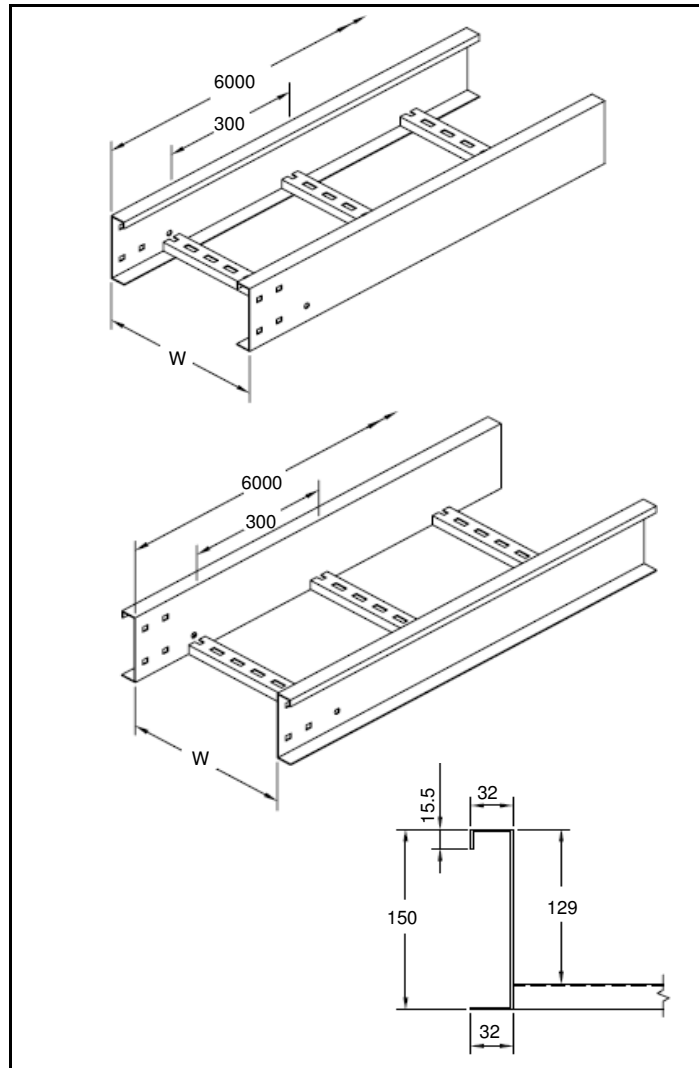
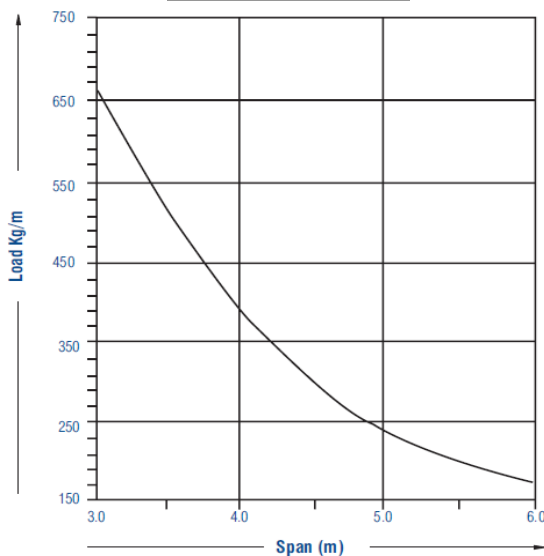
Parts List

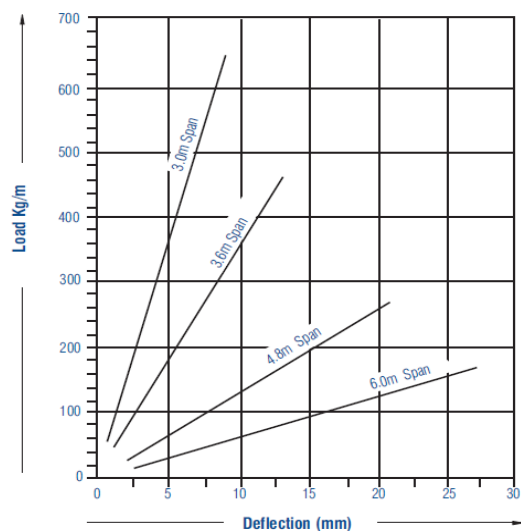
Dim "W"	Type	Part No / SAP Des.
100	Rail In	LHGST8W100RI
200	Rail In	LHGST8W200RI
300	Rail In	LHGST8W300RI
450	Rail In	LHGST8W450RI
600	Rail In	LHGST8W600RI
100	Rail Out	LHGST8W100RO
200	Rail Out	LHGST8W200RO
300	Rail Out	LHGST8W300RO
450	Rail Out	LHGST8W450RO
600	Rail Out	LHGST8W600RO

Note : Fire rated to AS/NZS3013:1995

Appendix B - Classification WS5X.

 Refer to your local Service Centre for load ratings
and correct installation procedures.

 * Splice plate & Fixing screws are not included
(ordered separately)

Allowable Load Graph

 Allowable loads are determined generally in accordance with
NEMA Standard VE1 and verified by testing.
Safety Factor = 1.5 on collapse load for single span

Deflection Graph

 Deflections shown apply to the end-bays (ie.worst case) of
a continuous ladder run. To find deflection of a single span,
multiply by 2.5

ACS ORIGINALSTRUT®; NEMA CABLE LADDER ACCESSORIES- STEEL
Steel Shaped Accessories - BENDS, CROSSES with Cover

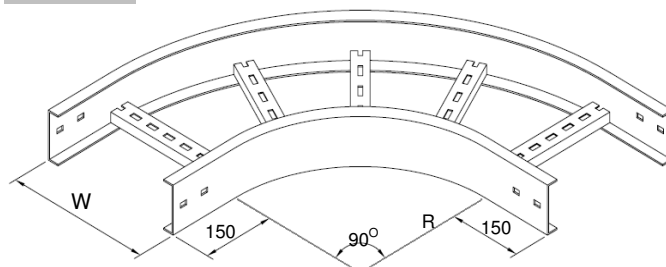
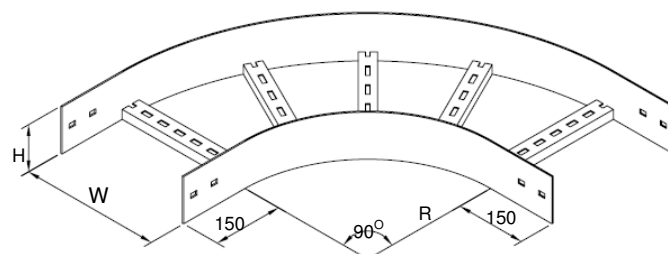
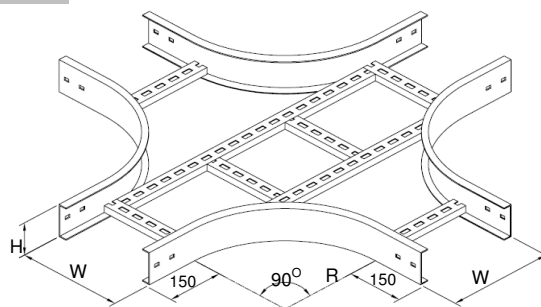
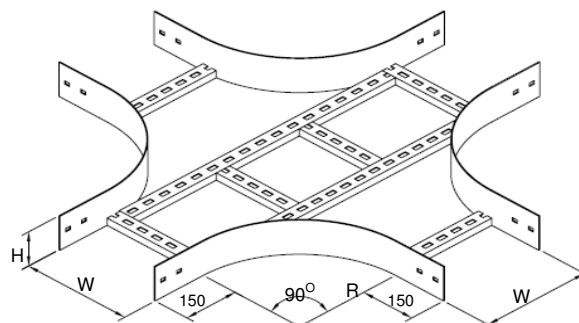
Part No / SAP Des.		Radius	Width	Height
FLAT BEND 90° With Flange	FLAT BEND 90° Without Flange	R	W	H
LHGBE4W100	LHGBE4WOW100	300	100	75
LHGBE4W200	LHGBE4WOW200	300	200	75
LHGBE4W300	LHGBE4WOW300	300	300	75
LHGBE4W450	LHGBE4WOW450	300	450	75
LHGBE4W600	LHGBE4WOW600	300	600	75
LHGBE5W100	LHGBE5WOW100	300	100	100
LHGBE5W200	LHGBE5WOW200	300	200	100
LHGBE5W300	LHGBE5WOW300	300	300	100
LHGBE5W450	LHGBE5WOW450	300	450	100
LHGBE5W600	LHGBE5WOW600	300	600	100
LHGBE9W100	LHGBE9WOW100	300	100	130
LHGBE9W200	LHGBE9WOW200	300	200	130
LHGBE9W300	LHGBE9WOW300	300	300	130
LHGBE9W450	LHGBE9WOW450	300	450	130
LHGBE9W600	LHGBE9WOW600	300	600	130
LHGBE8W100	LHGBE8WOW100	300	100	150
LHGBE8W200	LHGBE8WOW200	300	200	150
LHGBE8W300	LHGBE8WOW300	300	300	150
LHGBE8W450	LHGBE8WOW450	300	450	150
LHGBE8W600	LHGBE8WOW600	300	600	150

Part No / SAP Des.		Radius	Width	Height
FLAT COSS 90° With Flange	FLAT COSS 90° Without Flange	R	W	H
LHGCE4W100	LHGCE4WOW100	300	100	75
LHGCE4W200	LHGCE4WOW200	300	200	75
LHGCE4W300	LHGCE4WOW300	300	300	75
LHGCE4W450	LHGCE4WOW450	300	450	75
LHGCE4W600	LHGCE4WOW600	300	600	75
LHGCE5W100	LHGCE5WOW100	300	100	100
LHGCE5W200	LHGCE5WOW200	300	200	100
LHGCE5W300	LHGCE5WOW300	300	300	100
LHGCE5W450	LHGCE5WOW450	300	450	100
LHGCE5W600	LHGCE5WOW600	300	600	100
LHGCE9W100	LHGCE9WOW100	300	100	130
LHGCE9W200	LHGCE9WOW200	300	200	130
LHGCE9W300	LHGCE9WOW300	300	300	130
LHGCE9W450	LHGCE9WOW450	300	450	130
LHGCE9W600	LHGCE9WOW600	300	600	130
LHGCE8W100	LHGCE8WOW100	300	100	150
LHGCE8W200	LHGCE8WOW200	300	200	150
LHGCE8W300	LHGCE8WOW300	300	300	150
LHGCE8W450	LHGCE8WOW450	300	450	150
LHGCE8W600	LHGCE8WOW600	300	600	150

- Widths over 600mm Degree is 30,45,60 also available on request

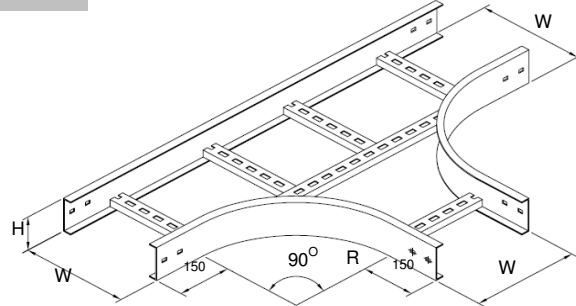
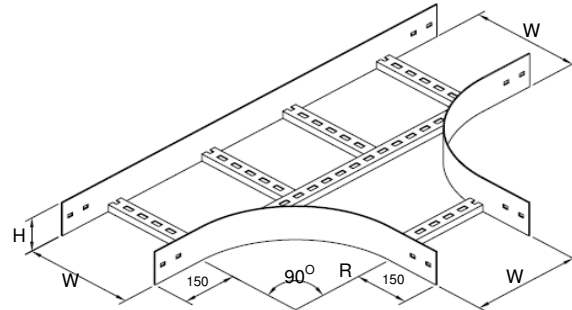
- Fixing Hardware for cable ladder systems must be ordered separately

Finish Hot Dip Galvanised, Stainless Steel 304 / 316 or Painted

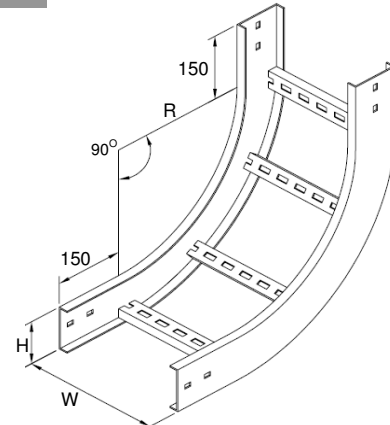
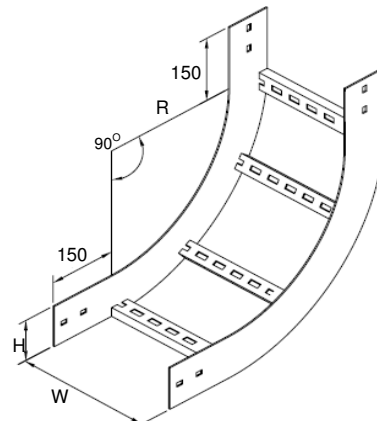
FLAT BEND 90°
With Flange

Without Flange

FLAT CROSS 90°
With Flange

Without Flange


ACS ORIGINALSTRUT®; NEMA CABLE LADDER ACCESSORIES- STEEL
Steel Shaped Accessories - TEES, RISER with COVER

Part No / SAP Des.		Radius	Width	Height
TEE 90° With Flange	TEE 90° Without Flange	R	W	H
LHGTE4W100	LHGTE4WOW100	300	100	75
LHGTE4W200	LHGTE4WOW200	300	200	75
LHGTE4W300	LHGTE4WOW300	300	300	75
LHGTE4W450	LHGTE4WOW450	300	450	75
LHGTE4W600	LHGTE4WOW600	300	600	75
LHGTE5W100	LHGTE5WOW100	300	100	100
LHGTE5W200	LHGTE5WOW200	300	200	100
LHGTE5W300	LHGTE5WOW300	300	300	100
LHGTE5W450	LHGTE5WOW450	300	450	100
LHGTE5W600	LHGTE5WOW600	300	600	100
LHGTE9W100	LHGTE9WOW100	300	100	130
LHGTE9W200	LHGTE9WOW200	300	200	130
LHGTE9W300	LHGTE9WOW300	300	300	130
LHGTE9W450	LHGTE9WOW450	300	450	130
LHGTE9W600	LHGTE9WOW600	300	600	130
LHGTE8W100	LHGTE8WOW100	300	100	150
LHGTE8W200	LHGTE8WOW200	300	200	150
LHGTE8W300	LHGTE8WOW300	300	300	150
LHGTE8W450	LHGTE8WOW450	300	450	150
LHGTE8W600	LHGTE8WOW600	300	600	150

HORIZONTAL TEE 90°
With Flange

Without Flange


Part No / SAP Des.		Radius	Width	Height
INT. RISER 90° With Flange	INT. RISER 90° Without Flange	R	W	H
LHGIR4W100	LHGIR4WOW100	300	100	75
LHGIR4W200	LHGIR4WOW200	300	200	75
LHGIR4W300	LHGIR4WOW300	300	300	75
LHGIR4W450	LHGIR4WOW450	300	450	75
LHGIR4W600	LHGIR4WOW600	300	600	75
LHGIR5W100	LHGIR5WOW100	300	100	100
LHGIR5W200	LHGIR5WOW200	300	200	100
LHGIR5W300	LHGIR5WOW300	300	300	100
LHGIR5W450	LHGIR5WOW450	300	450	100
LHGIR5W600	LHGIR5WOW600	300	600	100
LHGIR9W100	LHGIR9WOW100	300	100	130
LHGIR9W200	LHGIR9WOW200	300	200	130
LHGIR9W300	LHGIR9WOW300	300	300	130
LHGIR9W450	LHGIR9WOW450	300	450	130
LHGIR9W600	LHGIR9WOW600	300	600	130
LHGIR8W100	LHGIR8WOW100	300	100	150
LHGIR8W200	LHGIR8WOW200	300	200	150
LHGIR8W300	LHGIR8WOW300	300	300	150
LHGIR8W450	LHGIR8WOW450	300	450	150
LHGIR8W600	LHGIR8WOW600	300	600	150

INTERNAL RISER - 90°
With Flange

Without Flange


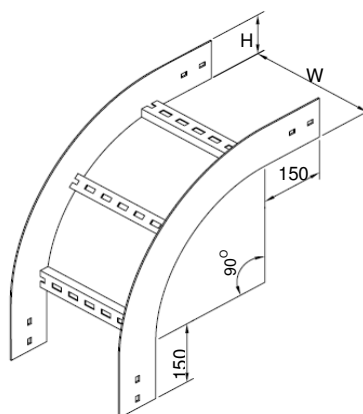
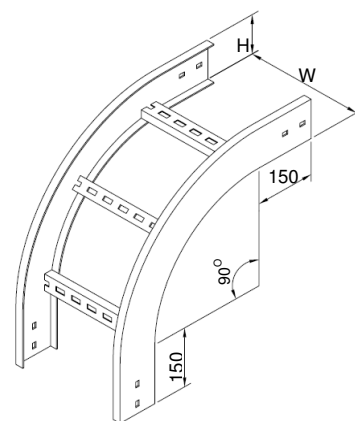
- Widths over 600mm Degree is 30,45,60 also available on request

- Fixing Hardware for cable ladder systems must be ordered separately

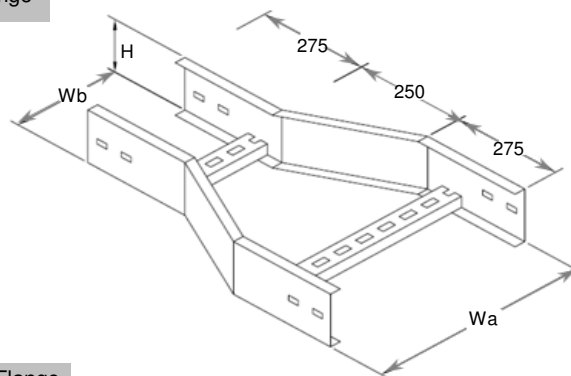
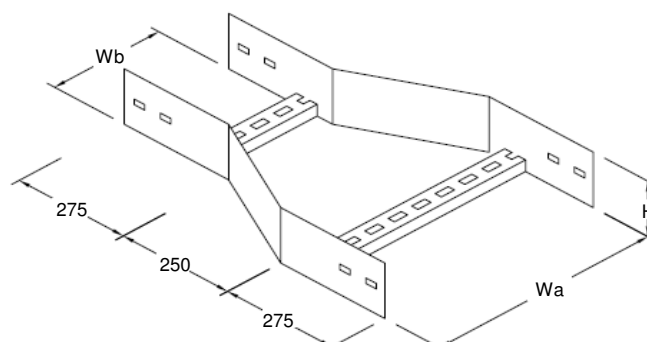
- **Finish** Hot Dip Galvanised, Stainless Steel 304 / 316 or Painted

ACS ORIGINALSTRUT®; CABLE LADDER ACCESSORIES- STEEL
Steel Shaped Accessories - RISERS & COVER

Part No / SAP Des.		Radius	Width	Height
EXT. RISER 90° With Flange	EXT. RISER 90° Without Flange	R	W	H
LHGER4W100	LHGER4WOW100	300	100	75
LHGER4W200	LHGER4WOW200	300	200	75
LHGER4W300	LHGER4WOW300	300	300	75
LHGER4W450	LHGER4WOW450	300	450	75
LHGER4W600	LHGER4WOW600	300	600	75
LHGER5W100	LHGER5WOW100	300	100	100
LHGER5W200	LHGER5WOW200	300	200	100
LHGER5W300	LHGER5WOW300	300	300	100
LHGER5W450	LHGER5WOW450	300	450	100
LHGER5W600	LHGER5WOW600	300	600	100
LHGER9W100	LHGER9WOW100	300	100	130
LHGER9W200	LHGER9WOW200	300	200	130
LHGER9W300	LHGER9WOW300	300	300	130
LHGER9W450	LHGER9WOW450	300	450	130
LHGER9W600	LHGER9WOW600	300	600	130
LHGER8W100	LHGER8WOW100	300	100	150
LHGER8W200	LHGER8WOW200	300	200	150
LHGER8W300	LHGER8WOW300	300	300	150
LHGER8W450	LHGER8WOW450	300	450	150
LHGER8W600	LHGER8WOW600	300	600	150

EXTERNAL RISER - 90°
Without Flange

With Flange


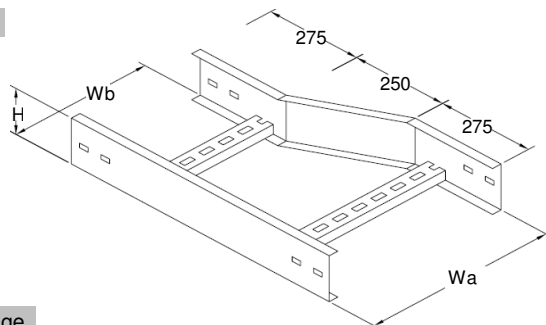
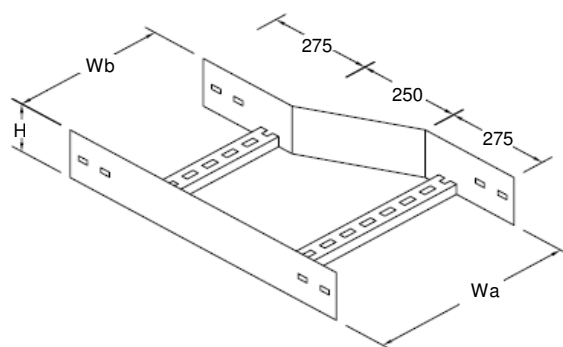
Part No / SAP Des.		Width	Width	Height
STR. REDUCER With Flange	STR. REDUCER Without Flange	Wa	Wb	H
LHGSR4W600450	LHGSR4WOW600450	600	450	75
LHGSR4W600300	LHGSR4WOW600300	600	300	75
LHGSR4W600150	LHGSR4WOW600150	600	150	75
LHGSR4W450300	LHGSR4WOW450300	450	300	75
LHGSR4W450150	LHGSR4WOW450150	450	150	75
LHGSR4W300150	LHGSR4WOW300150	300	150	75
LHGSR5W600450	LHGSR5WOW600450	600	450	100
LHGSR5W600300	LHGSR5WOW600300	600	300	100
LHGSR5W600150	LHGSR5WOW600150	600	150	100
LHGSR5W450300	LHGSR5WOW450300	450	300	100
LHGSR5W450150	LHGSR5WOW450150	450	150	100
LHGSR5W300150	LHGSR5WOW300150	300	150	100
LHGSR9W600450	LHGSR9WOW600450	600	450	130
LHGSR9W600300	LHGSR9WOW600300	600	300	130
LHGSR9W600150	LHGSR9WOW600150	600	150	130
LHGSR9W450300	LHGSR9WOW450300	450	300	130
LHGSR9W450150	LHGSR9WOW450150	450	150	130
LHGSR9W300150	LHGSR9WOW300150	300	150	130
LHGSR8W600450	LHGSR8WOW600450	600	450	150
LHGSR8W600300	LHGSR8WOW600300	600	300	150
LHGSR8W600150	LHGSR8WOW600150	600	150	150
LHGSR8W450300	LHGSR8WOW450300	450	300	150
LHGSR8W450150	LHGSR8WOW450150	450	150	150
LHGSR8W300150	LHGSR8WOW300150	300	150	150

STRAIGHT REDUCER
With Flange

Without Flange


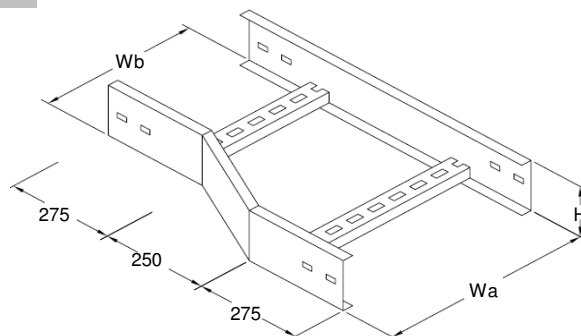
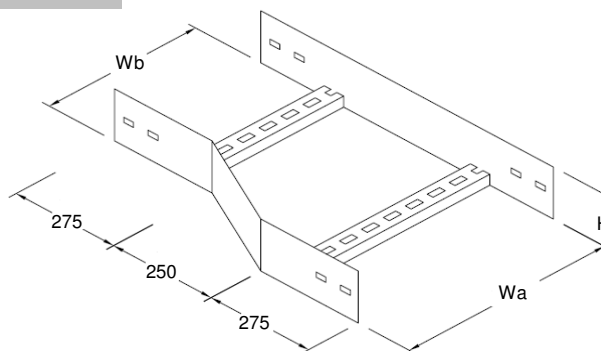
- Widths over 600mm Degree is 30,45,60 also available on request
- Fixing Hardware for cable ladder systems must be ordered separately
- **Finish** Hot Dip Galvanised, Stainless Steel 304 / 316 or Painted

ACS ORIGINALSTRUT®; CABLE LADDER ACCESSORIES - STEEL
Steel Shaped Accessories - REDUCERS & COVER

Part No / SAP Des.		Width	Width	Height
LH-REDUCER With Flange	LH-REDUCER Without Flange	Wa	Wb	H
LHGLR4W600450	LHGLR4WOW600450	600	450	75
LHGLR4W600300	LHGLR4WOW600300	600	300	75
LHGLR4W600150	LHGLR4WOW600150	600	150	75
LHGLR4W450300	LHGLR4WOW450300	450	300	75
LHGLR4W450150	LHGLR4WOW450150	450	150	75
LHGLR4W300150	LHGLR4WOW300150	300	150	75
LHGLR5W600450	LHGLR5WOW600450	600	450	100
LHGLR5W600300	LHGLR5WOW600300	600	300	100
LHGLR5W600150	LHGLR5WOW600150	600	150	100
LHGLR5W450300	LHGLR5WOW450300	450	300	100
LHGLR5W450150	LHGLR5WOW450150	450	150	100
LHGLR5W300150	LHGLR5WOW300150	300	150	100
LHGLR9W600450	LHGLR9WOW600450	600	450	130
LHGLR9W600300	LHGLR9WOW600300	600	300	130
LHGLR9W600150	LHGLR9WOW600150	600	150	130
LHGLR9W450300	LHGLR9WOW450300	450	300	130
LHGLR9W450150	LHGLR9WOW450150	450	150	130
LHGLR9W300150	LHGLR9WOW300150	300	150	130
LHGLR8W600450	LHGLR8WOW600450	600	450	150
LHGLR8W600300	LHGLR8WOW600300	600	300	150
LHGLR8W600150	LHGLR8WOW600150	600	150	150
LHGLR8W450300	LHGLR8WOW450300	450	300	150
LHGLR8W450150	LHGLR8WOW450150	450	150	150
LHGLR8W300150	LHGLR8WOW300150	300	150	150

LH - REDUCER
With Flange

Without Flange


Part No / SAP Des.		Width	Width	Height
RH-REDUCER With Flange	RH-REDUCER Without Flange	Wa	Wb	H
LHGRR4W600450	LHGRR4WOW600450	600	450	75
LHGRR4W600300	LHGRR4WOW600300	600	300	75
LHGRR4W600150	LHGRR4WOW600150	600	150	75
LHGRR4W450300	LHGRR4WOW450300	450	300	75
LHGRR4W450150	LHGRR4WOW450150	450	150	75
LHGRR4W300150	LHGRR4WOW300150	300	150	75
LHGRR5W600450	LHGRR5WOW600450	600	450	100
LHGRR5W600300	LHGRR5WOW600300	600	300	100
LHGRR5W600150	LHGRR5WOW600150	600	150	100
LHGRR5W450300	LHGRR5WOW450300	450	300	100
LHGRR5W450150	LHGRR5WOW450150	450	150	100
LHGRR5W300150	LHGRR5WOW300150	300	150	100
LHGRR9W600450	LHGRR9WOW600450	600	450	130
LHGRR9W600300	LHGRR9WOW600300	600	300	130
LHGRR9W600150	LHGRR9WOW600150	600	150	130
LHGRR9W450300	LHGRR9WOW450300	450	300	130
LHGRR9W450150	LHGRR9WOW450150	450	150	130
LHGRR9W300150	LHGRR9WOW300150	300	150	130
LHGRR8W600450	LHGRR8WOW600450	600	450	150
LHGRR8W600300	LHGRR8WOW600300	600	300	150
LHGRR8W600150	LHGRR8WOW600150	600	150	150
LHGRR8W450300	LHGRR8WOW450300	450	300	150
LHGRR8W450150	LHGRR8WOW450150	450	150	150
LHGRR8W300150	LHGRR8WOW300150	300	150	150

RH - REDUCER
With Flange

Without Flange


- Widths over 600mm Degree is 30,45,60 also available on request
- Fixing Hardware for cable ladder systems must be ordered separately
- **Finish** Hot Dip Galvanised, Stainless Steel 304 / 316 or Painted

ACS ORIGINALSTRUT®; NEMA CABLE LADDER COVER - STEEL
Ladder Cover - STRAIGHT LENGTHS

Part No / SAP Des.		Width	Height
STR.COVER Rail In	STR.COVER Rail Out	W	H
CLHGSTW100	CLHGSTW100RO	100	10
CLHGSTW200	CLHGSTW200RO	200	10
CLHGSTW300	CLHGSTW300RO	300	10
CLHGSTW450	CLHGSTW450RO	450	10
CLHGSTW600	CLHGSTW600RO	600	10

Note Type 1. > Use for Cover Width 100 to 200

Type 2. > Use for Cover Width 300 to 1000

- Widths over 600mm available for side Rail In only

- Fixing Hardware for cable ladder systems must be ordered separately

Finish Hot Dip Galvanised, Stainless Steel 304 / 316 or Painted

COVER PEAKED STRAIGHT

Part No / SAP Des.		Width	Height
COVER PEAKED Rail In	COVER PEAKED Rail Out	W	H
CLHGPKW100	CLHGPKW100RO	100	10
CLHGPKW200	CLHGPKW200RO	200	10
CLHGPKW300	CLHGPKW300RO	300	10
CLHGPKW450	CLHGPKW450RO	450	10
CLHGPKW600	CLHGPKW600RO	600	10

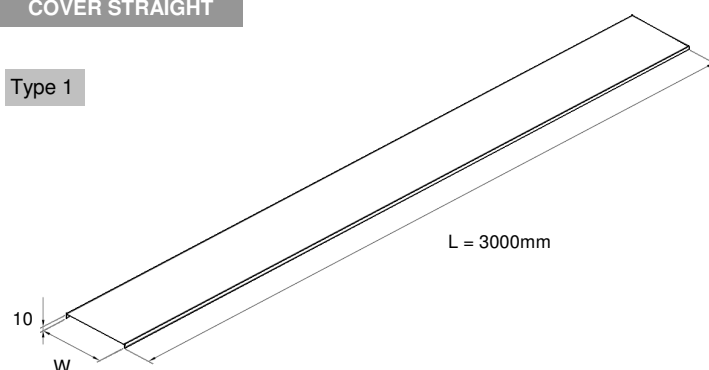
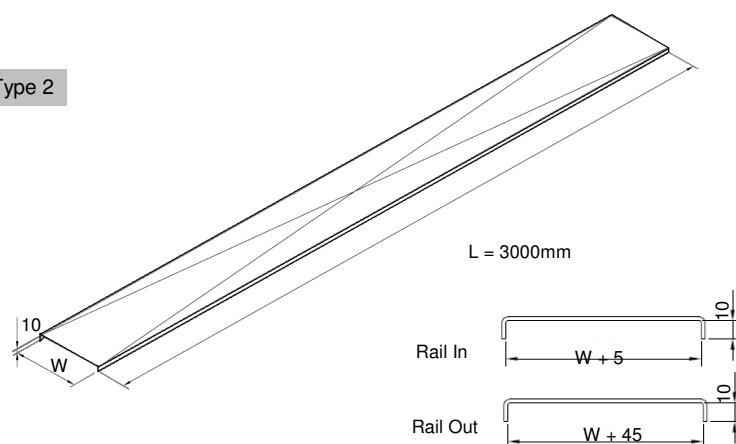
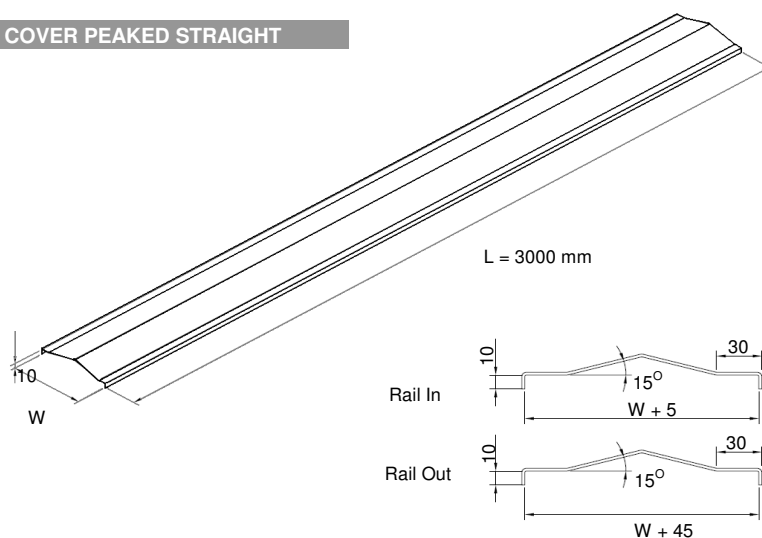
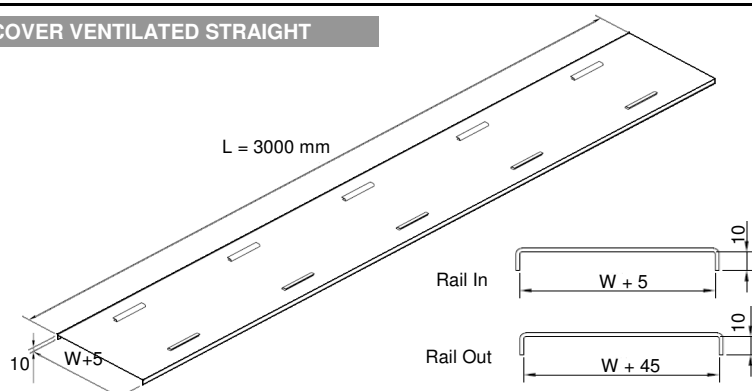
COVER VENTILATED STRAIGHT

Part No / SAP Des.		Width	Height
COVER VENTILATED Rail In	COVER VENTILATED Rail Out	W	H
CLHGVSW100	CLHGVSW100RO	100	10
CLHGVSW200	CLHGVSW200RO	200	10
CLHGVSW300	CLHGVSW300RO	300	10
CLHGVSW450	CLHGVSW450RO	450	10
CLHGVSW600	CLHGVSW600RO	600	10

- Widths over 600mm available on request

- Fixing Hardware for cable ladder systems must be ordered separately

Finish Hot Dip Galvanised,
Stainless Steel 304 / 316 or Painted

COVER STRAIGHT
Type 1

Type 2

COVER PEAKED STRAIGHT

COVER VENTILATED STRAIGHT


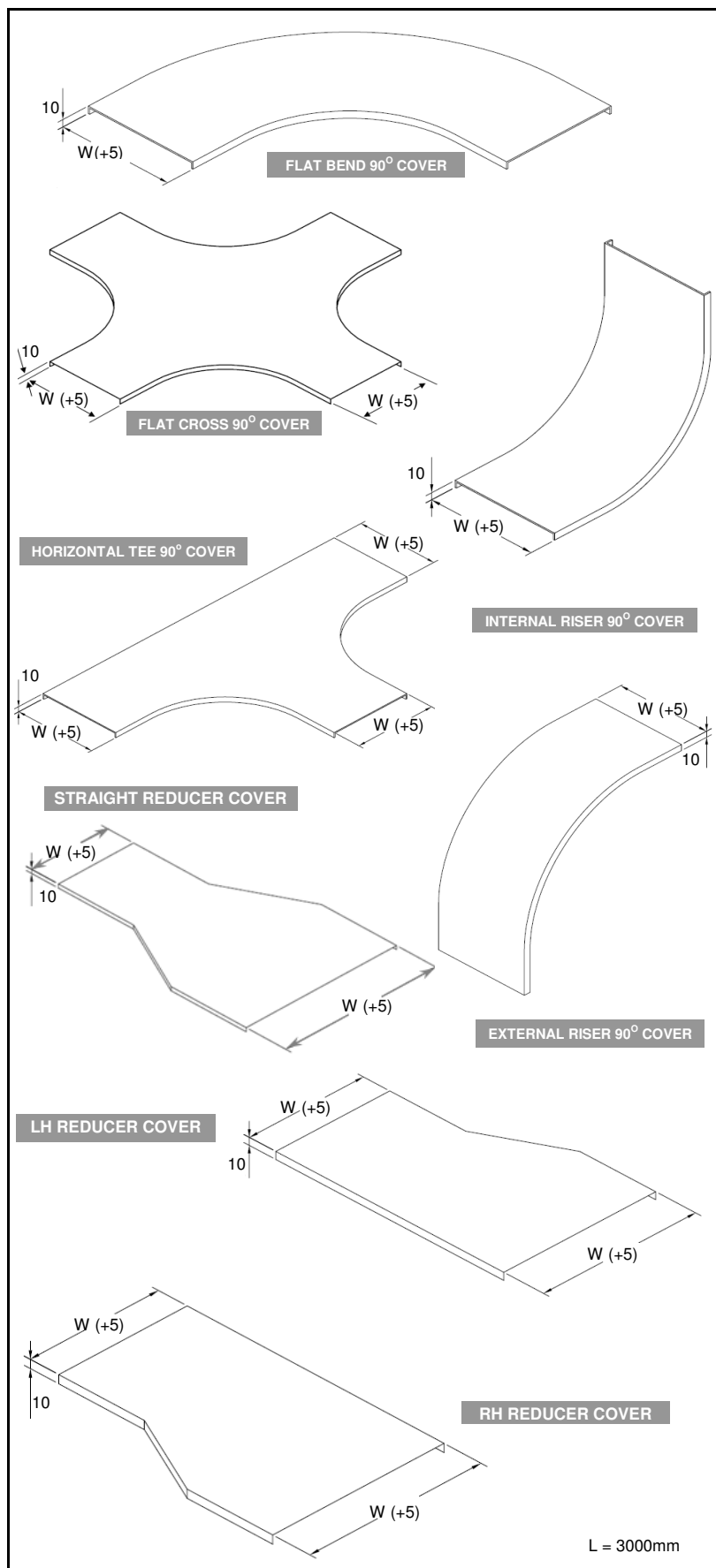
ACS ORIGINALSTRUT®; NEMA CABLE LADDER COVER - STEEL
Ladder Covers Accessories

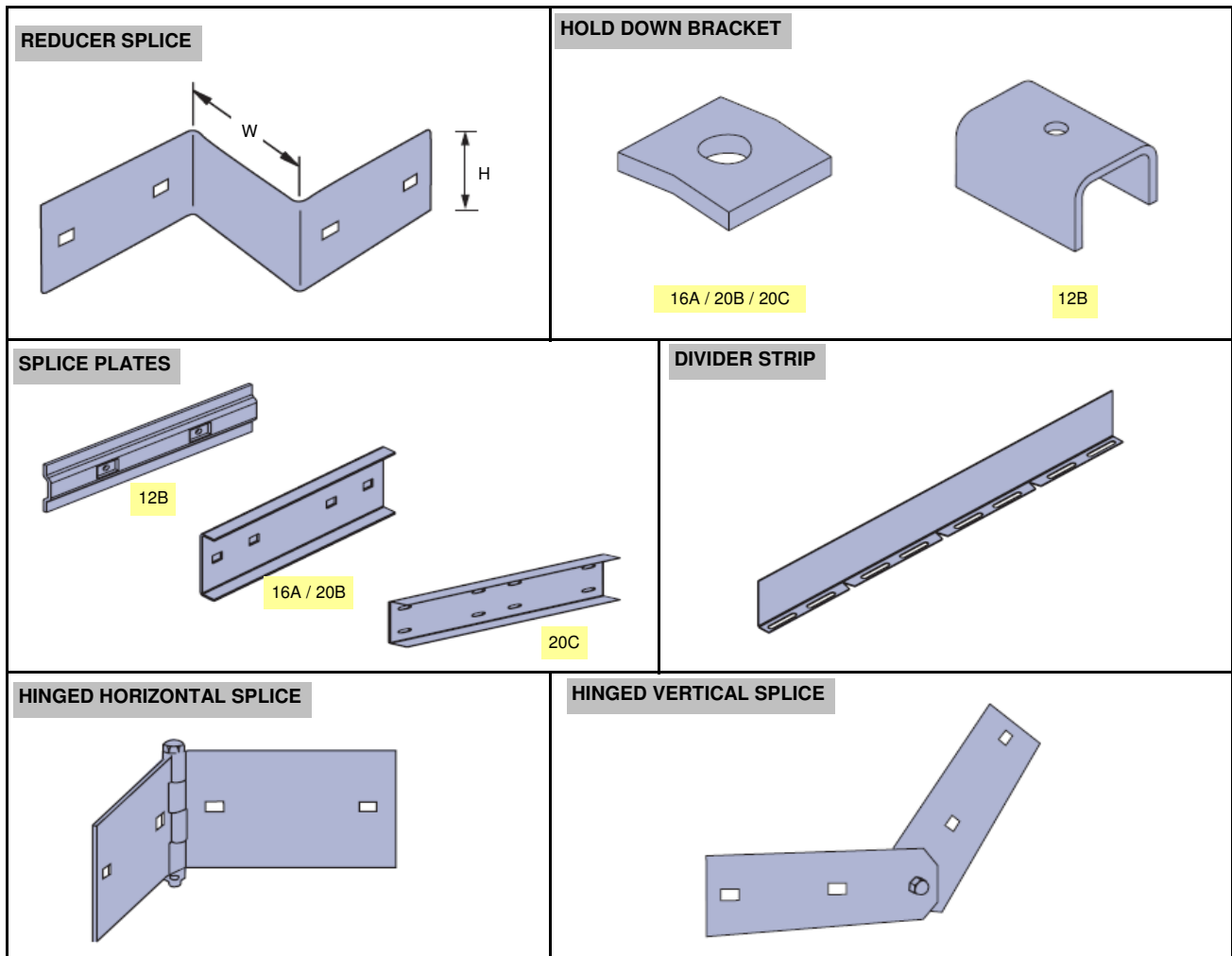
Part No / SAP Des.		Width	Height
COVER With Flang	COVER Without Flang	W	H
BEND COVER			
CLHGBEW100	CLHGBEWOW100	100	10
CLHGBEW200	CLHGBEWOW200	200	10
CLHGBEW300	CLHGBEWOW300	300	10
CLHGBEW450	CLHGBEWOW450	450	10
CLHGBEW600	CLHGBEWOW600	600	10
CROSS COVER			
CLHGCEW100	CLHGCEWOW100	100	10
CLHGCEW200	CLHGCEWOW200	200	10
CLHGCEW300	CLHGCEWOW300	300	10
CLHGCEW450	CLHGCEWOW450	450	10
CLHGCEW600	CLHGCEWOW600	600	10
TEE COVER			
CLHGTEW100	CLHGTEWOW100	100	10
CLHGTEW200	CLHGTEWOW200	200	10
CLHGTEW300	CLHGTEWOW300	300	10
CLHGTEW450	CLHGTEWOW450	450	10
CLHGTEW600	CLHGTEWOW600	600	10
INTERNAL RISER COVER			
CLHGIRW100	CLHGIRWOW100	100	10
CLHGIRW200	CLHGIRWOW200	200	10
CLHGIRW300	CLHGIRWOW300	300	10
CLHGIRW450	CLHGIRWOW450	450	10
CLHGIRW600	CLHGIRWOW600	600	10
EXTERNAL RISER COVER			
CLHGERW100	CLHGERWOW100	100	10
CLHGERW200	CLHGERWOW200	200	10
CLHGERW300	CLHGERWOW300	300	10
CLHGERW450	CLHGERWOW450	450	10
CLHGERW600	CLHGERWOW600	600	10
STRAIGHT REDUCER COVER			
CLHGSRW100	CLHGSRWOW100	100	10
CLHGSRW200	CLHGSRWOW200	200	10
CLHGSRW300	CLHGSRWOW300	300	10
CLHGSRW450	CLHGSRWOW450	450	10
CLHGSRW600	CLHGSRWOW600	600	10
LH REDUCER COVER			
CLHGRLW100	CLHGRLWOW100	100	10
CLHGRLW200	CLHGRLWOW200	200	10
CLHGRLW300	CLHGRLWOW300	300	10
CLHGRLW450	CLHGRLWOW450	450	10
CLHGRLW600	CLHGRLWOW600	600	10
RH REDUCER COVER			
CLHGRRW100	CLHGRRWOW100	100	10
CLHGRRW200	CLHGRRWOW200	200	10
CLHGRRW300	CLHGRRWOW300	300	10
CLHGRRW450	CLHGRRWOW450	450	10
CLHGRRW600	CLHGRRWOW600	600	10

- Widths over 600mm available on request

- Fixing Hardware for cable ladder systems must be ordered separately

Finish Hot Dip Galvanised, Stainless Steel 304 / 316 or Painted



ACS ORIGINALSTRUT®; NEMA CABLE LADDER ACCESSORIES - STEEL
Steel Shaped Accessories - Reducers


Type	Width (mm)	Height "H"	Part No. / SAP Des.
REDUCER SPLICE			
12B	100	60	LHGRP4W100
12B	200	60	LHGRP4W200
12B	300	60	LHGRP4W300
12B	450	60	LHGRP4W450
12B	600	60	LHGRP4W600
16A	100	84	LHGRP5W100
16A	200	84	LHGRP5W200
16A	300	84	LHGRP5W300
16A	450	84	LHGRP5W450
16A	600	84	LHGRP5W600
20B	100	119	LHGRP9W100
20B	200	119	LHGRP9W200
20B	300	119	LHGRP9W300
20B	450	119	LHGRP9W450
20B	600	119	LHGRP9W600
20C	100	135	LHGRP8W100
20C	200	135	LHGRP8W200
20C	300	135	LHGRP8W300
20C	450	135	LHGRP8W450
20C	600	135	LHGRP8W600

SPLICE PLATE

Type	Part No / SAP Des.
12B	LHGSSP12B
16A	LHGSSP16A
20B	LHGSSP20B
20C	LHGSSP20C

HINGED HORIZONTAL SPLICE

Type	Part No / SAP Des.
12B	LHGHSP12B
16A	LHGHSP16A
20B	LHGHSP20B
20C	LHGHSP20C

HINGED VERTICAL SPLICE

Type	Part No / SAP Des.
12B	LHGVSP12B
16A	LHGVSP16A
20B	LHGVSP20B
20C	LHGVSP20C

HOLD DOWN BRACKET

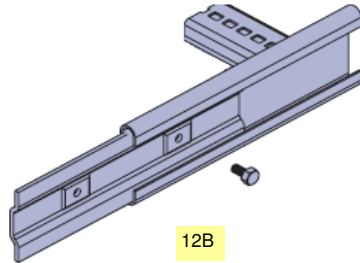
Type	Part No / SAP Des.
12B	LHGHDB12B
16A	LHGHDB16A
20B	LHGHDB20B
20C	LHGHDB20C

DIVIDER STRIP

Type	Part No / SAP Des.
12B	LHGDVS12B
16A	LHGDVS16A
20B	LHGDVS20B
20C	LHGDVS20C

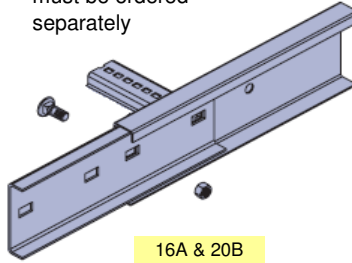
Fixing Hardware for cable ladder systems must be ordered separately

* **Finish** Hot Dip Galvanised, Stainless Steel 304 / 316 or Painted

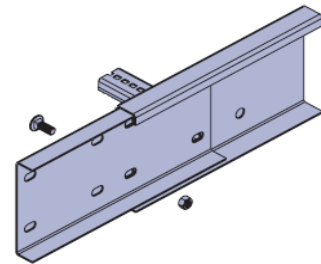
ACS ORIGINALSTRUT®; NEMA CABLE LADDER ACCESSORIES - STEEL
Steel Shaped Accessories - Fasteners
SPLICE PLATES


12B

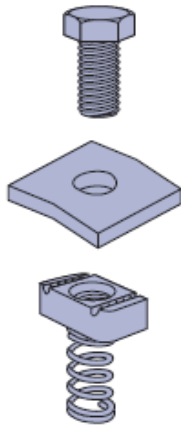
Screws and nuts
must be ordered
separately



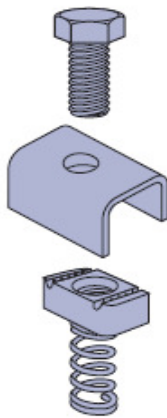
16A & 20B



20C

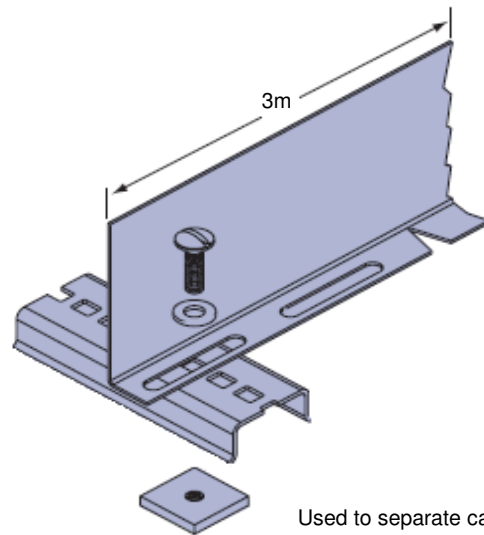
HOLD DOWN BRACKET


16A, 20B & 20C



12B

Positioned at any point along
ladder length. Brackets provide rigid
clamping for all steel systems

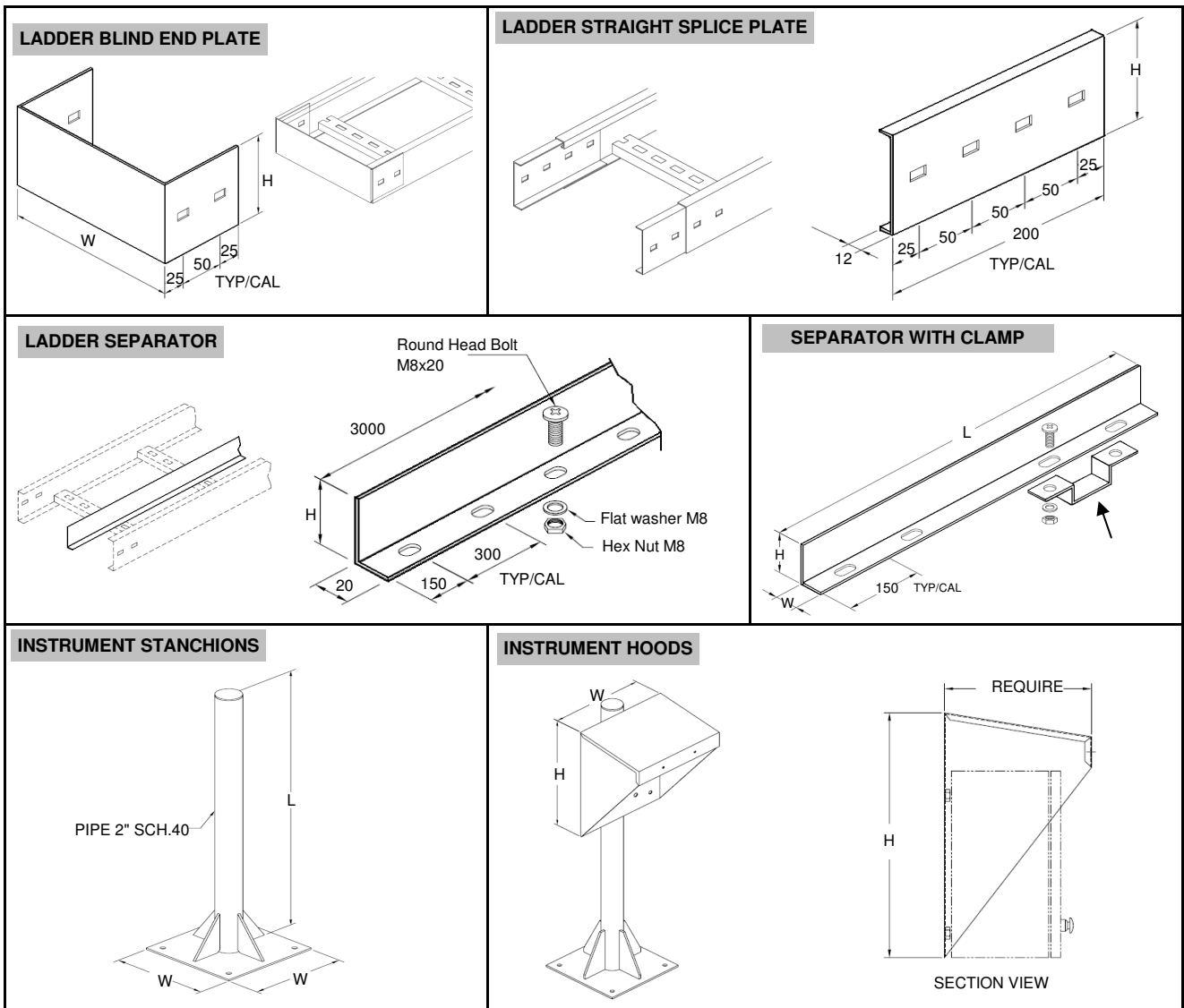
DIVIDER STRIP


Used to separate cables of
different voltages or circuits.
The notched base permits
forming to the required
shape. Fix at 1m centres

Fasteners		
Type	Description	Part No / SAP Des.
12B	Splice Screw	HHS1016
12B	Hold Down Bracket Screw	HHS0830
12B	Hold Down Bracket Nut	P1007
12B	Divider Strip Screw	HRMSM0820
12B	Divider Strip Washer	FW08
12B	Divider Strip Nut	P1006
16A, 20B, 20C	Splice Screw	CHB1020H
16A, 20B, 20C	Splice Nut	HN10
16A, 20B, 20C	Hold Down Bracket Screw	HHS1230
16A, 20B, 20C	Hold Down Bracket Nut	P1010
16A, 20B, 20C	Divider Strip Screw	HRMSM0820
16A, 20B, 20C	Divider Nut Washer	FW08
16A, 20B, 20C	Divider Strip Nut	P1006

Fixing Hardware for cable ladder systems must be ordered separately

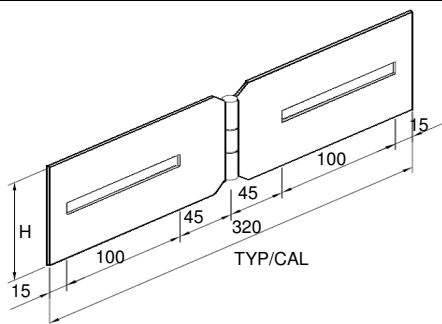
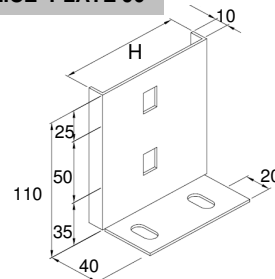
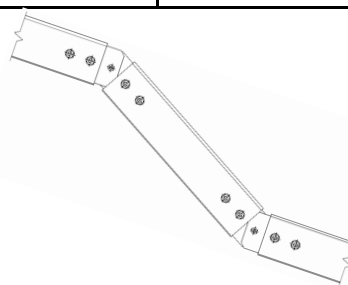
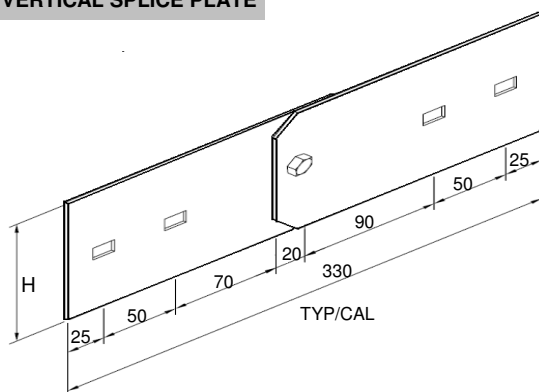
Finish Hot Dip Galvanised, Stainless Steel 304 / 316 or Painted

ACS ORIGINALSTRUT®; CABLE LADDER ACCESSORIES
Ladder Accessories - END PLATE, SEPARATOR, CONNECTOR, STANCHIONS, HOODS


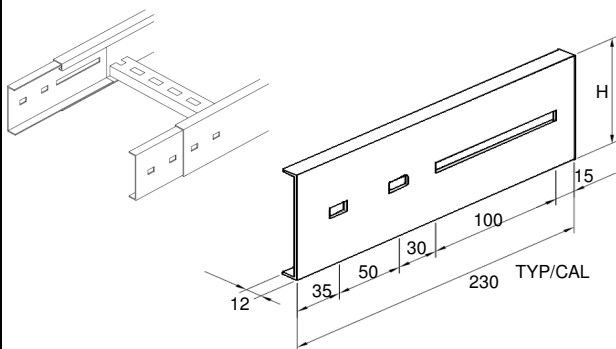
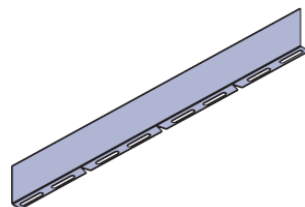
Width W	Height H	BLIND END PLATE Part No / SAP Des.	STRAIGHT SPLICE PLATE Part No / SAP Des.	LADDER SEPARATOR Part No / SAP Des.
100	75	LHGEP4W100	H75	H75
200	75	LHGEP4W200	LHGSSPH075	LHGSEPH075
300	75	LHGEP4W300	H100	H100
450	75	LHGEP4W450	LHGSSPH100	LHGSEPH100
600	75	LHGEP4W600	H130	H130
100	100	LHGEP5W100	LHGSSPH130	LHGSEPH130
200	100	LHGEP5W200	H150	H150
300	100	LHGEP5W300	LHGSSPH150	LHGSEPH150
450	100	LHGEP5W450		
600	100	LHGEP5W600		
100	130	LHGEP9W100	INSTRUMENT HOODS As per Require (Make to order)	
200	130	LHGEP9W200		
300	130	LHGEP9W300	INSTRUMENT STANCHIONS As per Require (Make to order)	
450	130	LHGEP9W450		
600	130	LHGEP9W600	LADDER SEPARATOR WITH CLAMP Part No / SAP Des. LHGSEPCP	
100	150	LHGEP8W100		
200	150	LHGEP8W200	Fixing Hardware for cable ladder systems must be ordered separately * Finish Hot Dip Galvanised, Stainless Steel 304 / 316 or Painted	
300	150	LHGEP8W300		
450	150	LHGEP8W450		
600	150	LHGEP8W600		

ACS ORIGINALSTRUT®; CABLE LADDER ACCESSORIES
Ladder Accessories - CONNECTOR
HORIZONTAL SPLICE PLATE

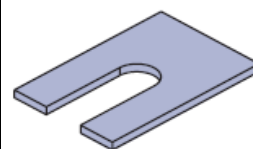
A fast and economical method of changing ladder direction where exact site dimensions must be met, Especially suitable where the angle is less than 45° or larger angles where the cable bending radius is not important, Also provides a flexible alternative to standard accessory sizes and radii, suits all ACS ORIGINALSTRUT®; aluminium cable ladder systems


SPLICE PLATE 90°

VERTICAL SPLICE PLATE


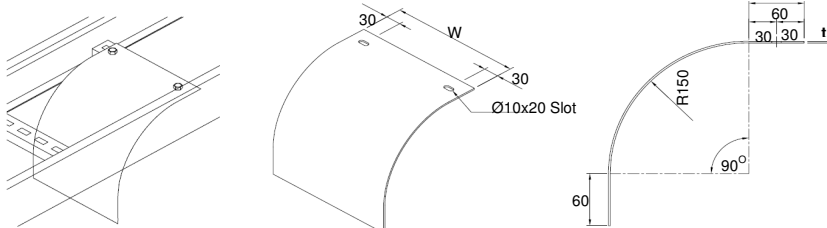
Ideal for making changes in vertical level or direction, Easily adapts to exact site dimensions which may otherwise be difficult to achieve with fixed risers, Cables form their own bending radius spanning between adjacent end-rungs, Also used to form adjustable risers providing flexibility to adjust to any site restrictions

EXPANSION SPLICE PLATE

DIVIDER STRIP


Divider Strip is used to separate cables of different voltages or circuits, The notched base permits forming to the required shape

INTERFACE SPACER


Used to separate cable ladder and supports in corrosive environments

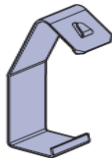
DROP-OUT

DROP-OUT for Ladder

To suit ladder width dimensions

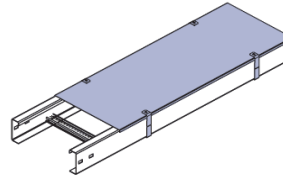
Height	HOR SPLICE PLATE	SPLICE PLATE 90°	VER SPLICE PLATE	EXP SPLICE PLATE	Height	DIVIDER STRIP
H	Part No. / SAP Des.	Part No. / SAP Des.	Part No. / SAP Des.	Part No. / SAP Des.	H	Part No. / SAP Des.
75	LHGHSPH075	LHG90SH075	LHGVSPH075	LHGESP075	75	LHGDVSH075
100	LHGHSPH100	LHG90SH100	LHGVSPH100	LHGESP100	100	LHGDVSH100
130	LHGHSPH130	LHG90SH130	LHGVSPH130	LHGESP130	130	LHGDVSH130
150	LHGHSP150	LHG90SH150	LHGVSPH150	LHGESP150	150	LHGDVSH150

INTERFACE SPACER	DROP-OUT
Part No. / SAP Des.	Part No. / SAP Des.
All Systems LHGINFSPC	To suit ladder width dimensions

Fixing Hardware for cable ladder systems must be ordered separately
 * **Finish** Hot Dip Galvanised, Stainless Steel 304 / 316 or Painted

ACS ORIGINALSTRUT®; CABLE LADDER ACCESSORIES
Ladder Accessories - CLAMPS
Cover Clips


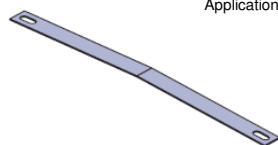
Cover Fixing


Recommended Spacing For Cover Clips

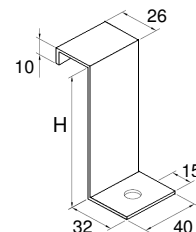
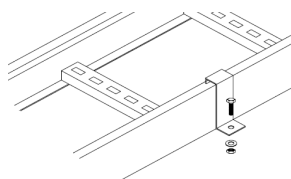
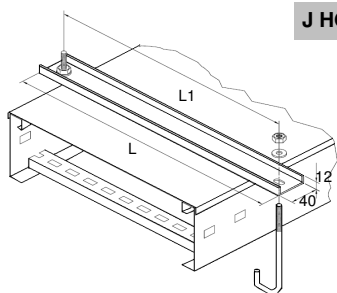
Service Conditions	Design Wind velocity, Vz (AS1170)	Ladder width, mm			
		600	450	300	150
Up to and including exposed external locations	50m/s	1.2m	1.2m	1.2m	1.2m
Cyclonic Areas	65m/s	0.6m	0.8m	1.2m	1.2m

Covers are retained in position by means of cover clips as illustrated. Manufactured from high strength steel, these unique clips, which have no thread components to freeze up, are very quickly installed and are also easily removed or replaced at a later date

One size of clip for each ladder system suits both straight and accessory covers

Cover Straps


Application with J-Hook M8

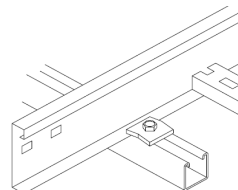

Z HOLD DOWN CLAMP

J HOOK COVER CLAMP


Hex Bolt M10x30

Flat Washer M10

Hole Ø 12mm.

Spring Nut M10

SQ. HOLD DOWN CLAMP

Type
COVER CLIPS

Part No. / SAP Des.

Z HOLD DOWN CLAMP

Part No. / SAP Des.

12B

LS6CVC12B

LHGZHCH075

16A

LS6CVC16A

LHGZHCH100

20B

LS6CVC20B

LHGZHCH130

20C

LS6CVC20C

LHGZHCH150

COVER STRAPS
Type
Ladder Width
Part No. / SAP Des.

12B

100

LHGCVS4W100

12B

200

LHGCVS4W200

12B

300

LHGCVS4W300

12B

450

LHGCVS4W450

12B

600

LHGCVS4W600

16A

100

LHGCVS5W100

16A

200

LHGCVS5W200

16A

300

LHGCVS5W300

16A

450

LHGCVS5W450

16A

600

LHGCVS5W600

20B

100

LHGCVS9W100

20B

200

LHGCVS9W200

20B

300

LHGCVS9W300

20B

450

LHGCVS9W450

20B

600

LHGCVS9W600

20C

100

LHGCVS8W100

20C

200

LHGCVS8W200

20C

300

LHGCVS8W300

20C

450

LHGCVS8W450

20C

600

LHGCVS8W600

J HOOK COVER CLAMP

Width W	Height H	J HOOK COVER CLAMP No. / SAP Des.
100	75	LHGJC4W100
200	75	LHGJC4W200
300	75	LHGJC4W300
450	75	LHGJC4W450
600	75	LHGJC4W600
100	100	LHGJC5W100
200	100	LHGJC5W200
300	100	LHGJC5W300
450	100	LHGJC5W450
600	100	LHGJC5W600
100	130	LHGJC9W100
200	130	LHGJC9W200
300	130	LHGJC9W300
450	130	LHGJC9W450
600	130	LHGJC9W600
100	150	LHGJC8W100
200	150	LHGJC8W200
300	150	LHGJC8W300
450	150	LHGJC8W450
600	150	LHGJC8W600

SQ.HOLD DOWN

Part No. / SAP Des.	LHGSQH4040
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Fixing Hardware for cable ladder systems must be ordered separately

Finish Hot Dip Galvanised, Stainless Steel 304 / 316, or Aluminium



ACS ORIGINALSTRUT®; CABLE LADDER - ALUMINIUM

Aluminium Cable Ladder (ACL) - General Information

Aluminium Cable Ladder (ACL)

Wherever severe corrosion conditions are present, or a long maintenance free life is required, ACS ORIGINALSTRUT®; Aluminium cable ladder systems are the obvious choice

We manufacture a complete range of NEMA Aluminium cable ladder systems, which provide a wide range of load and span combinations to suit the requirements of almost any installation

Most frequently, aluminium cable ladders are selected because of their excellent performance in marine environments where salt spray or salt laden atmosphere is present. Applications such as wharves, coal loader conveyors or similar port facilities as well as coal mines, smelters, chemical processing plants and refineries are all typical users of aluminium cable ladders

Splice Plates

The unique ACS ORIGINALSTRUT®; Aluminium system splice plate is close fitting and shaped so that it is retained neatly and firmly between mating flanges incorporated in the ladder side-rails. Initial deflection or "take-up" of the joint under load is thereby minimised, resulting in a tidy and rigid installation, free from excessive sag at splice points

The splice design also permits up to 20mm of expansion and contraction movement at each joint, an important consideration with aluminium cable ladders, eliminates the need to place special expansion splices at predetermined intervals, the installation procedure for the splice connection is fast and simple

Notes

To attain maximum working load of the system, the following recommendations should be adopted

- Do not splice single spans of ladder
- Avoid splice joints in the vicinity of the end supports on continuous runs
- Avoid splice joints directly over intermediate supports on continuous runs
- Locate splice joints at the quarter span point between supports on continuous runs

If in doubt, please consult your ACS ORIGINALSTRUT®; Service Centre

Accessories

All aluminium cable ladder systems are complemented by a full range of standardised fabricated accessories and fittings which are readily available

Built in Splice

The principal feature of all ACS ORIGINALSTRUT®; Cable ladder accessories is the 'built-in' plate. A shaped extension of the accessory side-rail permits direct connection to the straight ladder, eliminating the need for a separate splice component.

The advantages of this method are

- Minimised fixing hardware and components
- When joining to a cut ladder, the accessory end acts as a convenient drill template for bolt holes
- Simplified pre-planning, quantity take-offs and ordering
- No left-over components
- Strong and rigid joint
- Faster installation

Accessories are attached with the same fasteners as used for straight splice plates

Elongated slots allow easier fit-up and permit adjustments in alignment to be absorbed

Hold Down Brackets

The general purpose hold-down bracket can be positioned at any point along ladder length, even in the situation where a rung and support member coincide. The bracket provides a large bearing area for the side-rail and permits free expansion movement to occur

For side mounted ladders, or where rigid fixing of ladder is required, the rigid clamping bracket can be used

Construction

ACS ORIGINALSTRUT®; Aluminium cable ladder systems are manufactured from high strength alloy 6106-T6 for all extruded components and 5005 for sheet or plate components, these alloys are suitable for marine applications and offer excellent all round corrosion resistance. All fasteners are made from 300 series grade of stainless steel for optimum corrosion resistance. Each rung on H100, H125, H150 is firmly welded to the side-rails. In both assembly methods rung ends are held captive between flanges extruded into the side-rail, resulting in a strong and reliable connection

ACS ORIGINALSTRUT®; CABLE LADDER H100 - ALUMINIUM
Technical Data
Cable Laying Depth 77mm

Loading Data

Basic Load Capacity

98kg/m on 3.6m span

322kg/m at a 2.0m span

Length 3m & 6m

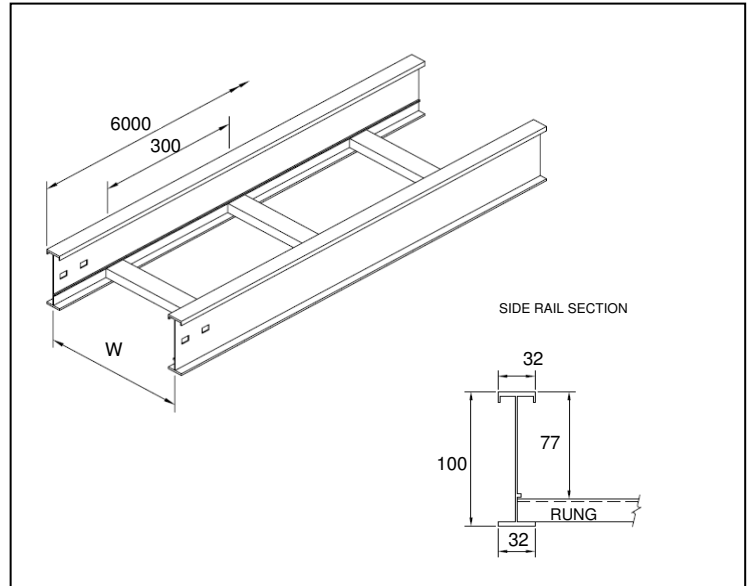
Rung Spacing 300mm nominal

(Other rung spacings available made to order)

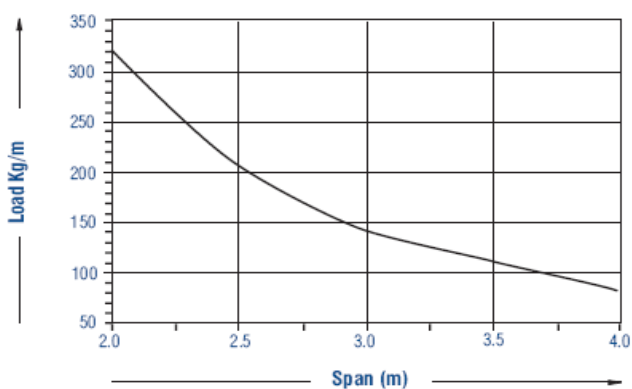
Finish Aluminium

Parts List

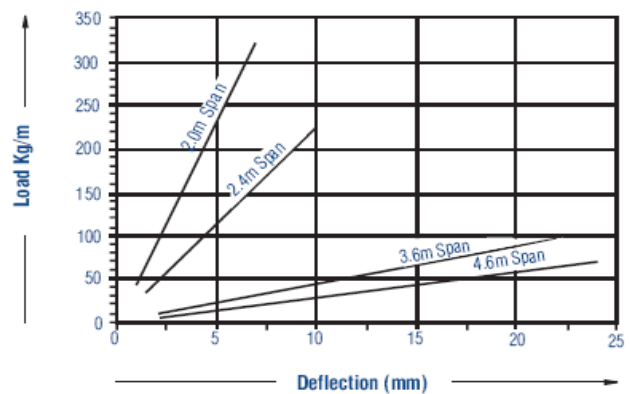
Dim* "W"	Height mm.	Part No SAP Description
100	100	LAL5STW100
200	100	LAL5STW200
300	100	LAL5STW300
450	100	LAL5STW450
600	100	LAL5STW600



- Splice plate & Fixing Hardware for cable ladder systems must be ordered separately
- Widths over 600mm available on request

Allowable Load Graph


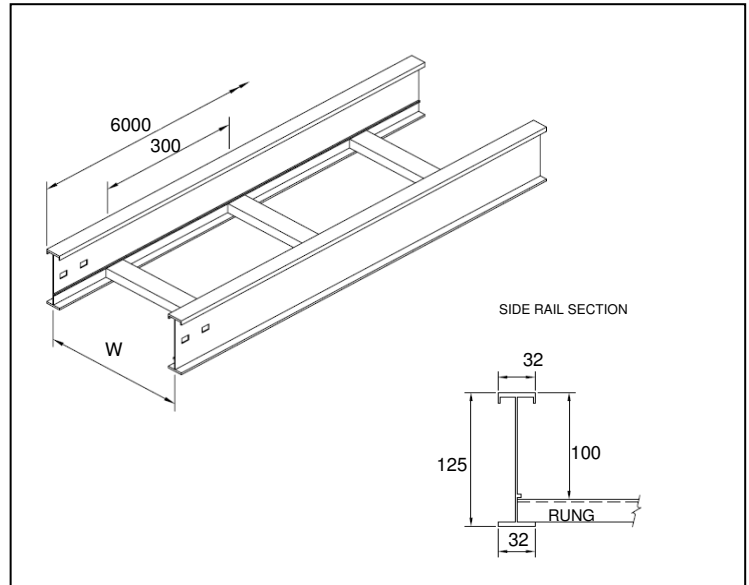
Allowable loads are determined generally in accordance with NEMA Standard VE1 and verified by testing.
Safety Factor = 1.5 on collapse load for single span

Deflection Graph


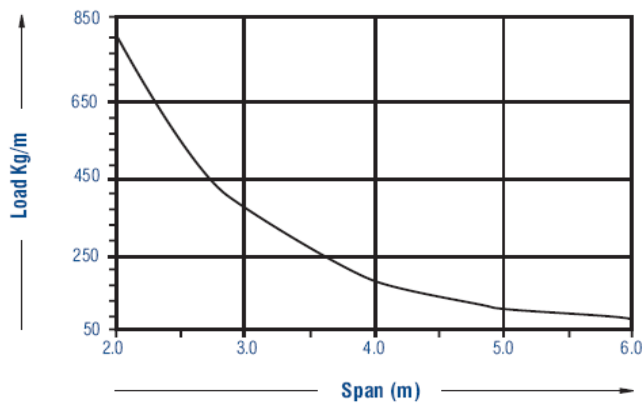
Deflections shown apply to the end-bays (ie.worst case) of a continuous ladder run. To find deflection of a single span, multiply by 2.5

ACS ORIGINALSTRUT®; CABLE LADDER H125 - ALUMINIUM

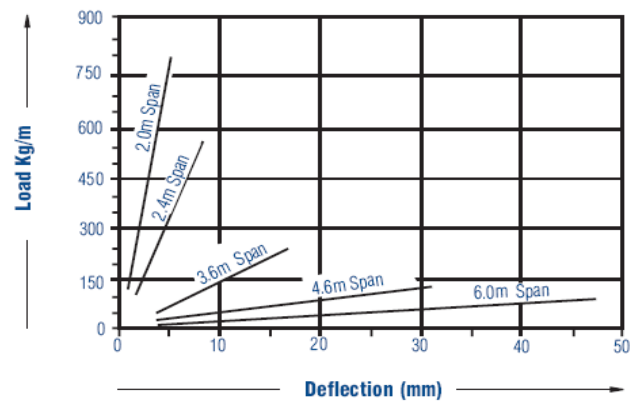
Technical Data		
Cable Laying Depth 100mm		
Loading Data		
Basic Load Capacity		
90kg/lin.m on 6m span		
352kg/lin.m on 3m span		
Length 3m & 6m		
Rung Spacing 300mm nominal		
Finish Aluminium		
Parts List		
Dim* "W"	Height mm	Part No SAP Description
100	125	LAL7STW100
200	125	LAL7STW200
300	125	LAL7STW300
450	125	LAL7STW450
600	125	LAL7STW600



- Splice plate & Fixing Hardware for cable ladder systems must be ordered separately
- Widths over 600mm available on request

Allowable Load Graph


Allowable loads are determined generally in accordance with NEMA Standard VE1 and verified by testing.
Safety Factor = 1.5 on collapse load for single span

Deflection Graph


Deflections shown apply to the end-bays (ie.worst case) of a continuous ladder run. To find deflection of a single span, multiply by 2.5

ACS ORIGINALSTRUT®; CABLE LADDER H150 - ALUMINIUM
Technical Data
Cable Laying Depth 129mm

Loading Data

Basic Load Capacity

213kg/lin.m on 6m span

854kg/lin.m on 3m span

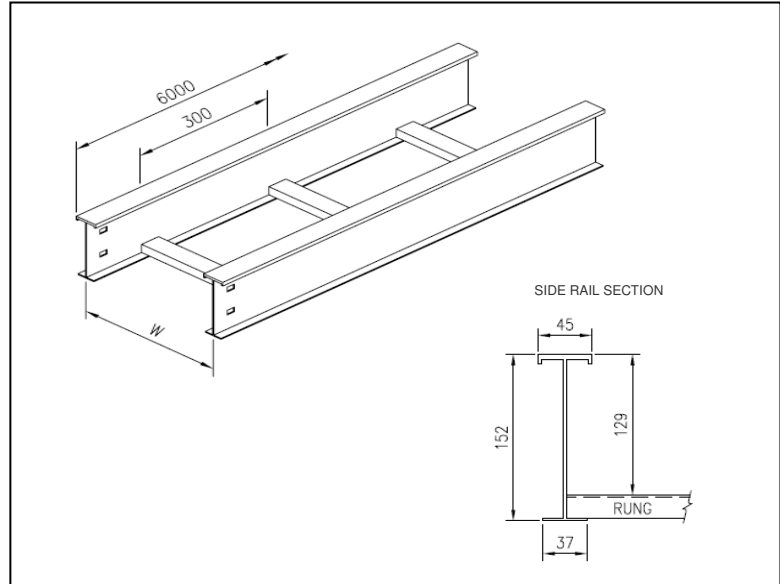
Length 3m & 6m

Rung Spacing 300mm nominal

Finish Aluminium

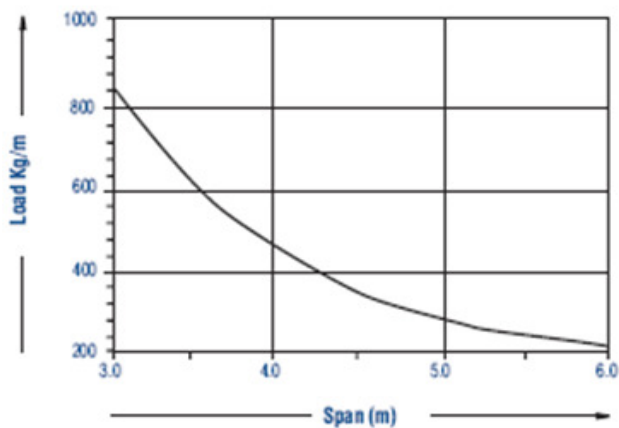
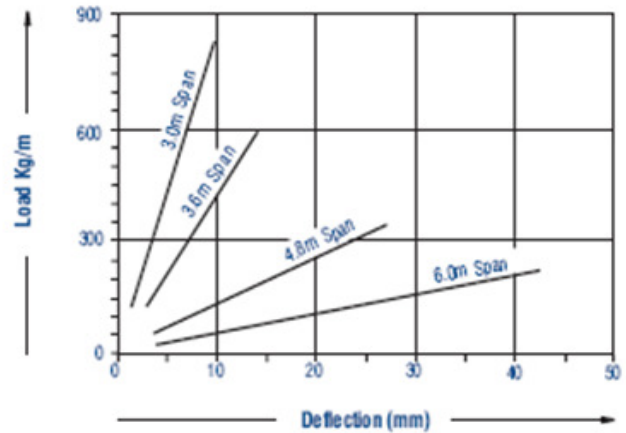
Parts List

Dim* "W"	Height mm	Part No SAP Description
100	150	LAL8STW100
200	150	LAL8STW200
300	150	LAL8STW300
450	150	LAL8STW450
600	150	LAL8STW600



Splice plate & Fixing Hardware for cable ladder systems must be ordered separately

*Widths over 600mm available on request

Allowable Load Graph

Deflection Graph

 Allowable loads are determined generally in accordance with NEMA Standard VE1 and verified by testing.
 Safety Factor = 1.5 on collapse load for single span

Deflections shown apply to the end-bays (ie.worst case) of a continuous ladder run. To find deflection of a single span, multiply by 2.5

ACS ORIGINALSTRUT®; NEMA CABLE LADDER COVER - ALUMINIUM
Ladder Cover - STRAIGHT LENGTHS

COVER Type	Part No SAP Description	Width W	Height H
12A/20A/20A	CLALSTW100	100	10
12A/20A/20A	CLALSTW200	200	10
12A/20A/20A	CLALSTW300	300	10
12A/20A/20A	CLALSTW450	450	10
12A/20A/20A	CLALSTW600	600	10

Note Type 1. > Use for Cover Width 100 to 200

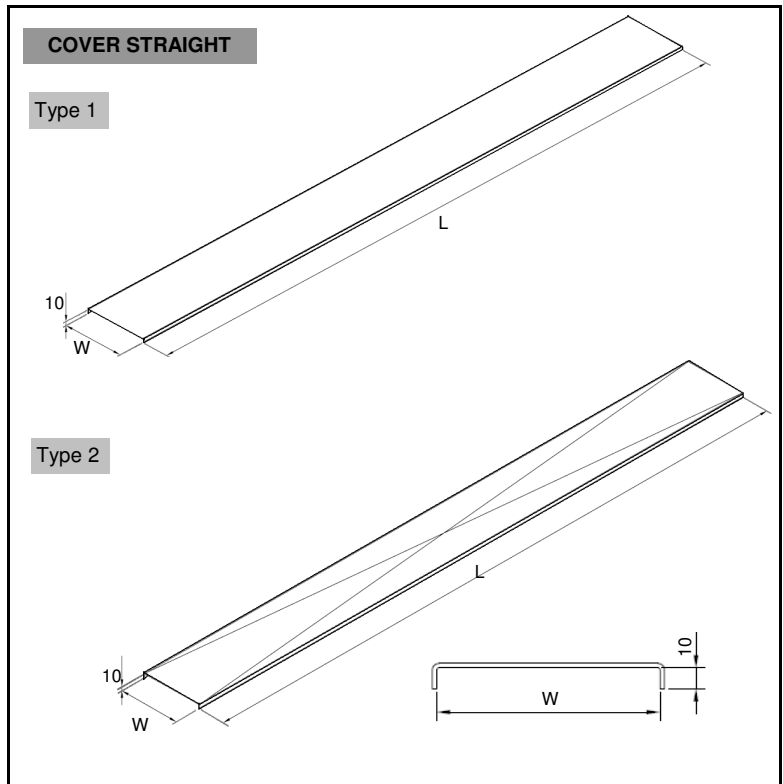
Type 2. > Use for Cover Width 300 to 600

Widths over 600mm available on request

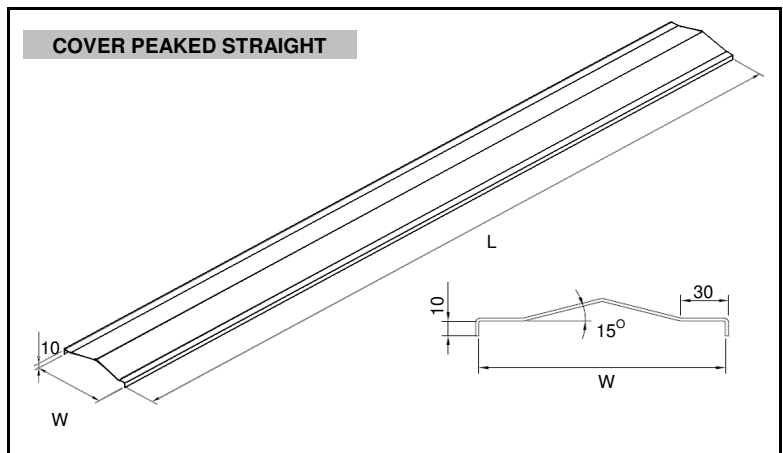
* For H100, H125 cover width is $W + 32 + 5$

** For H150 cover width is $W + 45 + 5$

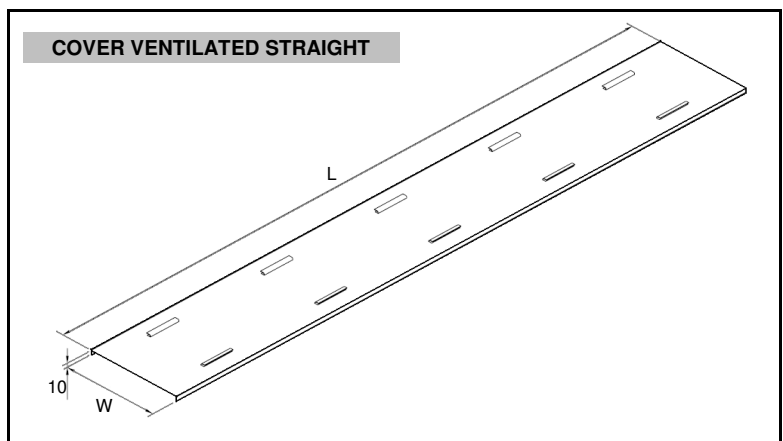
*Fixing Hardware for cable ladder systems
must be ordered separately



COVER PEAKED STRAIGHT			
Part No.	Width	Height	
SAP Description	W	H	
CLALPKW100	100	10	
CLALPKW200	200	10	
CLALPKW300	300	10	
CLALPKW450	450	10	
CLALPKW600	600	10	



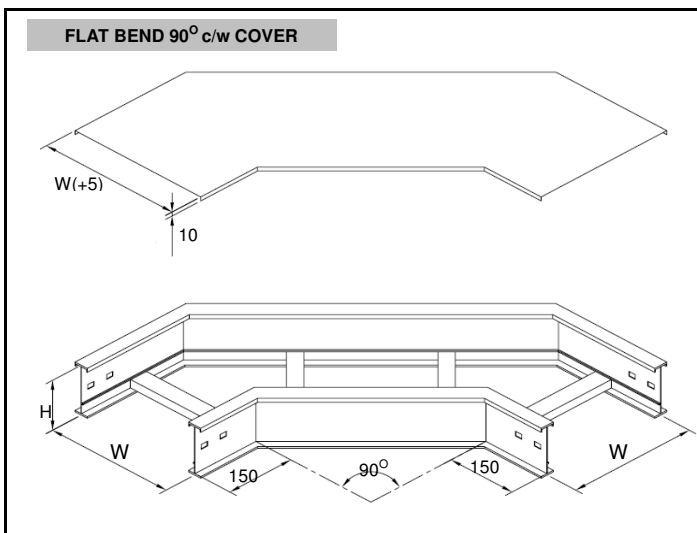
COVER VENTILATED STRAIGHT			
Part No.	Width	Height	
SAP Description	W	H	
CLALVSW100	100	10	
CLALVSW200	200	10	
CLALVSW300	300	10	
CLALVSW450	450	10	
CLALVSW600	600	10	



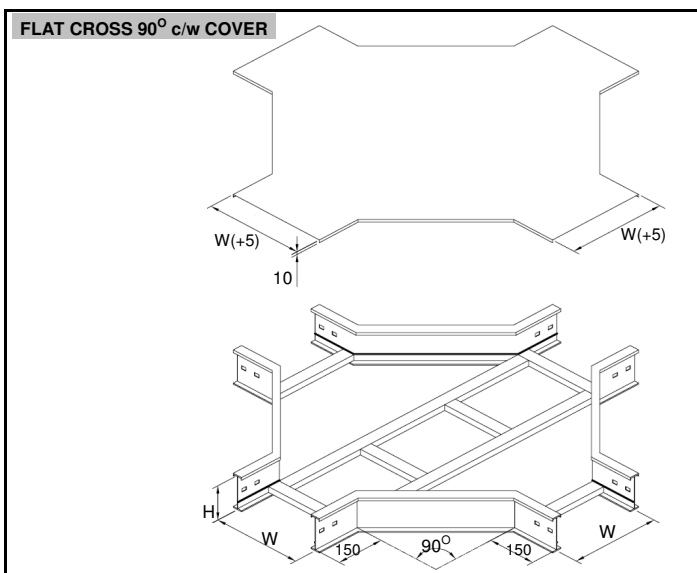
Finish Aluminium

ACS ORIGINALSTRUT®; CABLE LADDER ACCESSORIES - ALUMINIUM
Cable Ladder - BEND, CROSS, TEE & COVER

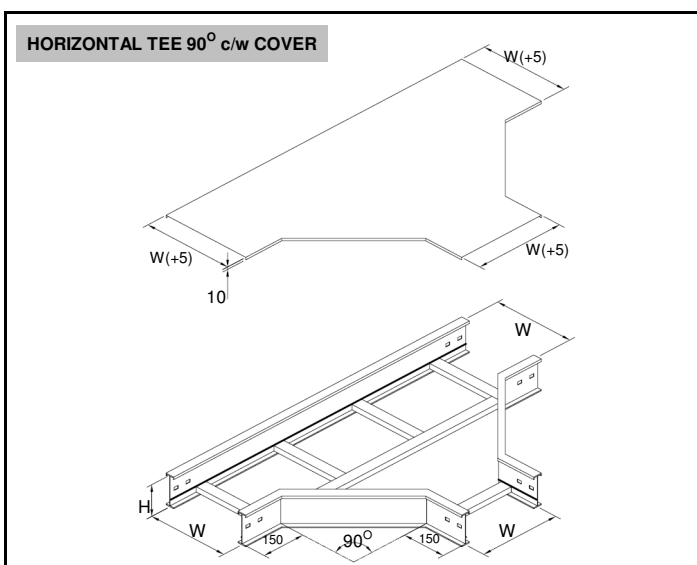
Part No / SAP Des.		Radius	Width	Height
FLAT BEND	COVER BEND	R	W	H
LALBE5W100	CLALBEW100	300	100	100
LALBE5W200	CLALBEW200	300	200	100
LALBE5W300	CLALBEW300	300	300	100
LALBE5W450	CLALBEW450	300	450	100
LALBE5W600	CLALBEW600	300	600	100
LALBE7W100	CLALBEW100	300	100	125
LALBE7W200	CLALBEW200	300	200	125
LALBE7W300	CLALBEW300	300	300	125
LALBE7W450	CLALBEW450	300	450	125
LALBE7W600	CLALBEW600	300	600	125
LALBE8W100	CLALBEW100	300	100	150
LALBE8W200	CLALBEW200	300	200	150
LALBE8W300	CLALBEW300	300	300	150
LALBE8W450	CLALBEW450	300	450	150
LALBE8W600	CLALBEW600	300	600	150



Part No / SAP Des.		Radius	Width	Height
FLAT CROSS	COVER CROSS	R	W	H
LALCE5W100	CLALCEW100	300	100	100
LALCE5W200	CLALCEW200	300	200	100
LALCE5W300	CLALCEW300	300	300	100
LALCE5W450	CLALCEW450	300	450	100
LALCE5W600	CLALCEW600	300	600	100
LALCE7W100	CLALCEW100	300	100	125
LALCE7W200	CLALCEW200	300	200	125
LALCE7W300	CLALCEW300	300	300	125
LALCE7W450	CLALCEW450	300	450	125
LALCE7W600	CLALCEW600	300	600	125
LALCE8W100	CLALCEW100	300	100	150
LALCE8W200	CLALCEW200	300	200	150
LALCE8W300	CLALCEW300	300	300	150
LALCE8W450	CLALCEW450	300	450	150
LALCE8W600	CLALCEW600	300	600	150



Part No / SAP Des.		Radius	Width	Height
FLAT TEE	COVER TEE	R	W	H
LALTE5W100	CLALTEW100	300	100	100
LALTE5W200	CLALTEW200	300	200	100
LALTE5W300	CLALTEW300	300	300	100
LALTE5W450	CLALTEW450	300	450	100
LALTE5W600	CLALTEW600	300	600	100
LALTE7W100	CLALTEW100	300	100	125
LALTE7W200	CLALTEW200	300	200	125
LALTE7W300	CLALTEW300	300	300	125
LALTE7W450	CLALTEW450	300	450	125
LALTE7W600	CLALTEW600	300	600	125
LALTE8W100	CLALTEW100	300	100	150
LALTE8W200	CLALTEW200	300	200	150
LALTE8W300	CLALTEW300	300	300	150
LALTE8W450	CLALTEW450	300	450	150
LALTE8W600	CLALTEW600	300	600	150



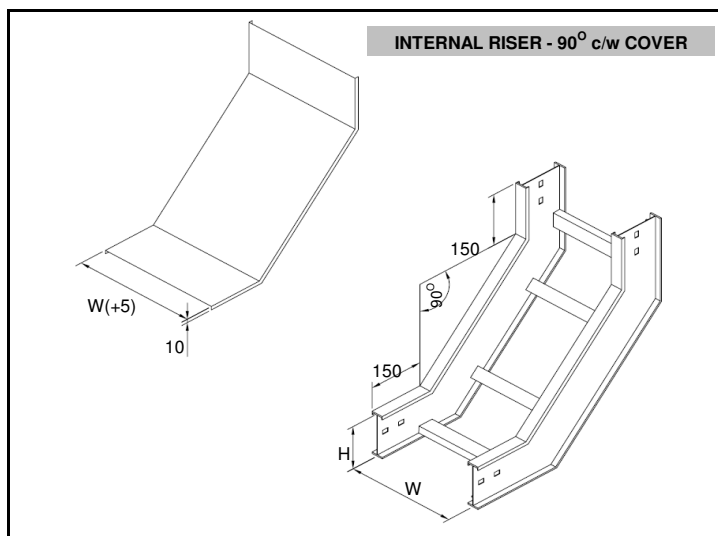
- Widths over 600mm Degree is 30,45, 60
available on request

- Fixing Hardware for cable ladder systems must be ordered separately

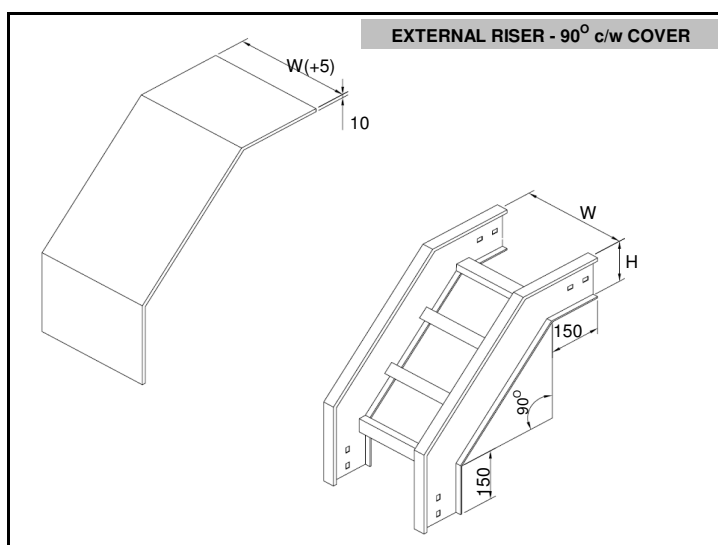
Finish Aluminium

ACS ORIGINALSTRUT®; CABLE LADDER ACCESSORIES - ALUMINIUM
Cable Ladder - RISER, REDUCERS & COVER

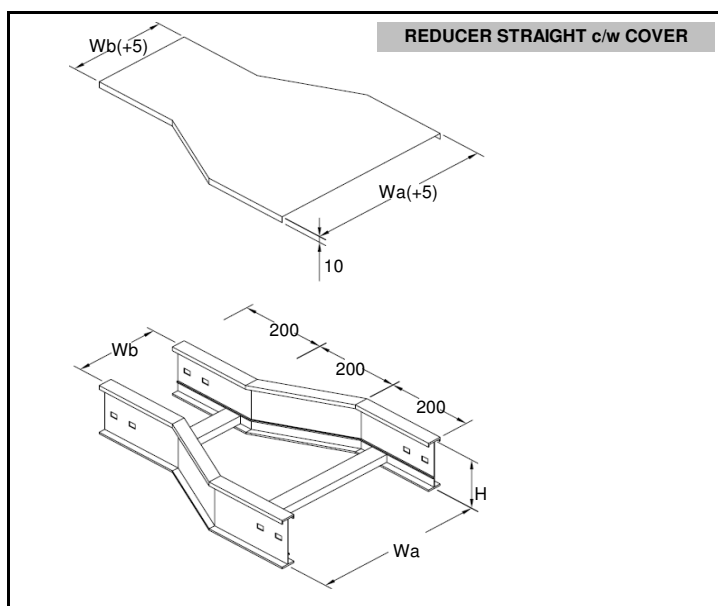
Part No / SAP Des.		Radius	Width	Height
INT. RISER	COVER	R	W	H
LALIR5W100	CLALIRW100	300	100	100
LALIR5W200	CLALIRW200	300	200	100
LALIR5W300	CLALIRW300	300	300	100
LALIR5W450	CLALIRW450	300	450	100
LALIR5W600	CLALIRW600	300	600	100
LALIR7W100	CLALIRW100	300	100	125
LALIR7W200	CLALIRW200	300	200	125
LALIR7W300	CLALIRW300	300	300	125
LALIR7W450	CLALIRW450	300	450	125
LALIR7W600	CLALIRW600	300	600	125
LALIR8W100	CLALIRW100	300	100	150
LALIR8W200	CLALIRW200	300	200	150
LALIR8W300	CLALIRW300	300	300	150
LALIR8W450	CLALIRW450	300	450	150
LALIR8W600	CLALIRW600	300	600	150



Part No / SAP Des.		Radius	Width	Height
EXT. RISER	COVER	R	W	H
LALER5W100	CLALERW100	300	100	100
LALER5W200	CLALERW200	300	200	100
LALER5W300	CLALERW300	300	300	100
LALER5W450	CLALERW450	300	450	100
LALER5W600	CLALERW600	300	600	100
LALER7W100	CLALERW100	300	100	125
LALER7W200	CLALERW200	300	200	125
LALER7W300	CLALERW300	300	300	125
LALER7W450	CLALERW450	300	450	125
LALER7W600	CLALERW600	300	600	125
LALER8W100	CLALERW100	300	100	150
LALER8W200	CLALERW200	300	200	150
LALER8W300	CLALERW300	300	300	150
LALER8W450	CLALERW450	300	450	150
LALER8W600	CLALERW600	300	600	150



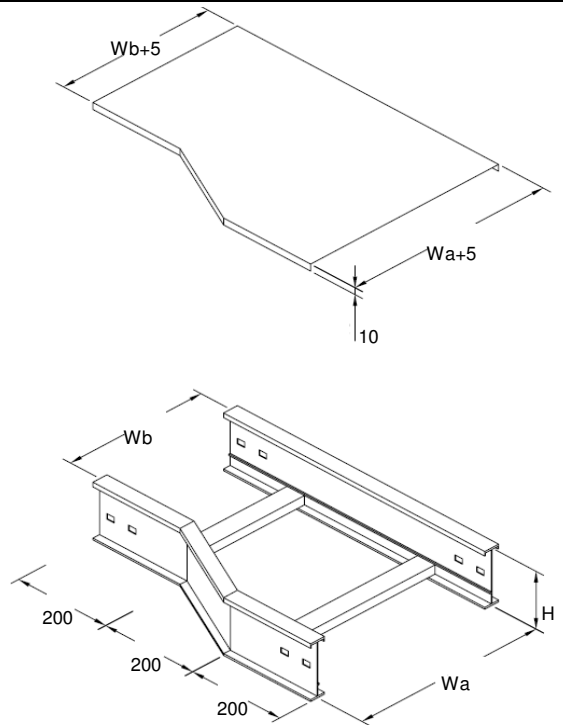
Part No / SAP Des.		Width	Width	Height
STR. REDUCER	COVER	Wa	Wb	H
LALSR5W100	CLALSRW100	200,300,450,600	100	100
LALSR5W200	CLALSRW200	300,450,600	200	100
LALSR5W300	CLALSRW300	450,600	300	100
LALSR5W450	CLALSRW450	600	450	100
LALSR7W100	CLALSRW100	200,300,450,600	100	125
LALSR7W200	CLALSRW200	300,450,600	200	125
LALSR7W300	CLALSRW300	450,600	300	125
LALSR7W450	CLALSRW450	600	450	125
LALSR8W100	CLALSRW100	200,300,450,600	100	150
LALSR8W200	CLALSRW200	300,450,600	200	150
LALSR8W300	CLALSRW300	450,600	300	150
LALSR8W450	CLALSRW450	600	450	150


Finish Aluminium

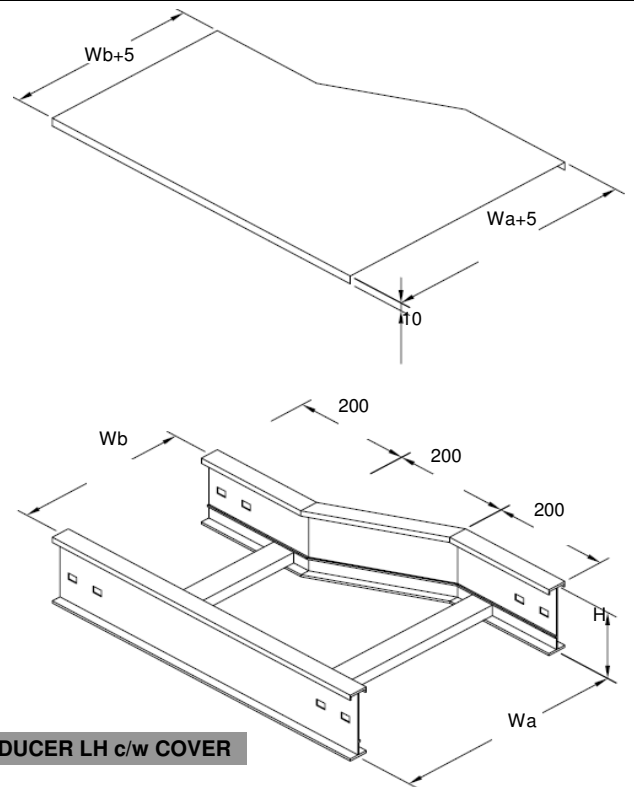
- Widths over 600mm Degree is 30,45, 60 available on request
- Fixing Hardware for cable ladder systems must be ordered separately

ACS ORIGINALSTRUT®; CABLE LADDER ACCESSORIES - ALUMINIUM
Cable Ladder - REDUCERS, LEFT HAND, RIGHT HAND & COVER

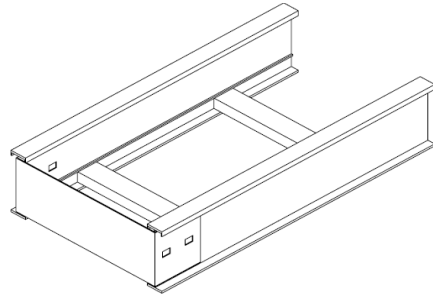
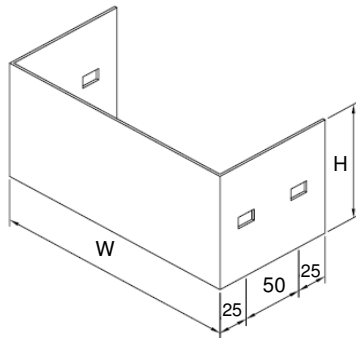
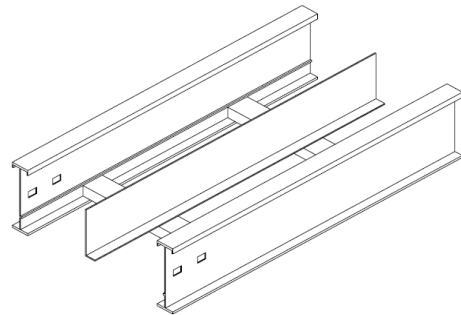
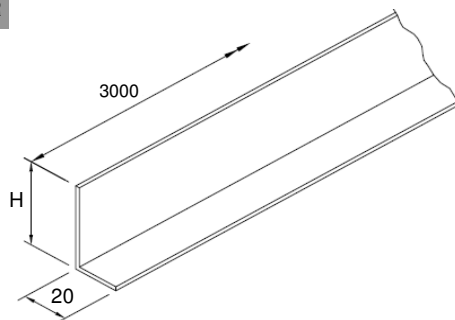
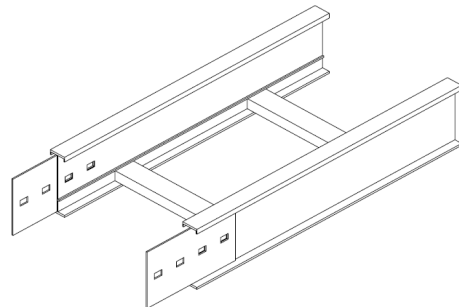
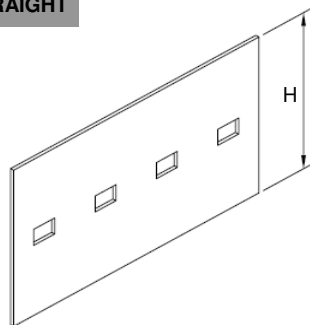
Part No / SAP Des.		Width	Width Height	
RH REDUCER	COVER RH REDUCER	Wa	Wb	H
LALRR5W100	CLALRRW100	200,300,450,600	100	100
LALRR5W200	CLALRRW200	300,450,600	200	100
LALRR5W300	CLALRRW300	450,600	300	100
LALRR5W450	CLALRRW450	600	450	100
LALRR7W100	CLALRRW100	200,300,450,600	100	125
LALRR7W200	CLALRRW200	300,450,600	200	125
LALRR7W300	CLALRRW300	450,600	300	125
LALRR7W450	CLALRRW450	600	450	125
LALRR8W100	CLALRRW100	200,300,450,600	100	150
LALRR8W200	CLALRRW200	300,450,600	200	150
LALRR8W300	CLALRRW300	450,600	300	150
LALRR8W450	CLALRRW450	600	450	150


REDUCER RH c/w COVER

Part No / SAP Des.		Width	Width Height	
LH REDUCER	COVER LH REDUCER	Wa	Wb	H
LALLR5W100	CLALLRW100	200,300,450,600	100	100
LALLR5W200	CLALLRW200	300,450,600	200	100
LALLR5W300	CLALLRW300	450,600	300	100
LALLR5W450	CLALLRW450	600	450	100
LALLR7W100	CLALLRW100	200,300,450,600	100	125
LALLR7W200	CLALLRW200	300,450,600	200	125
LALLR7W300	CLALLRW300	450,600	300	125
LALLR7W450	CLALLRW450	600	450	125
LALLR8W100	CLALLRW100	200,300,450,600	100	150
LALLR8W200	CLALLRW200	300,450,600	200	150
LALLR8W300	CLALLRW300	450,600	300	150
LALLR8W450	CLALLRW450	600	450	150


REDUCER LH c/w COVER
Finish Aluminium

- Widths over 600mm Degree is 30,45, 60 available on request
- Fixing Hardware for cable ladder systems must be ordered separately

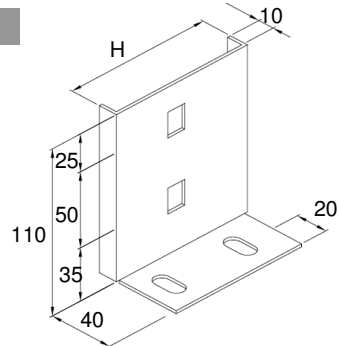
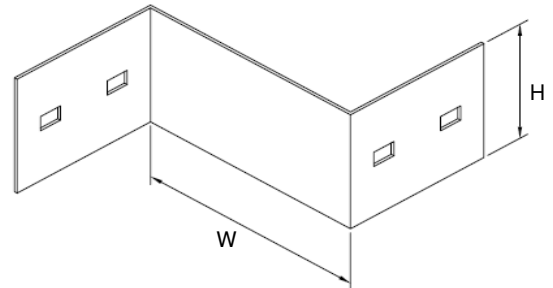
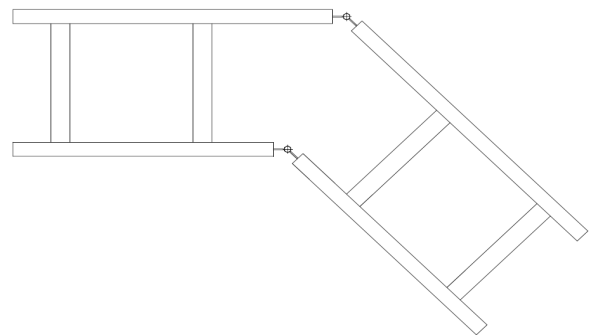
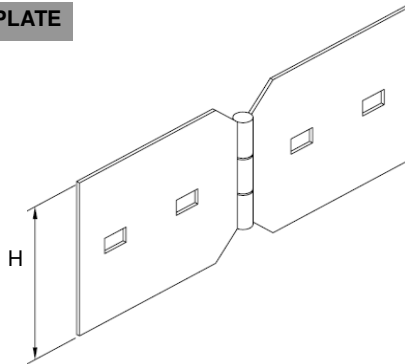
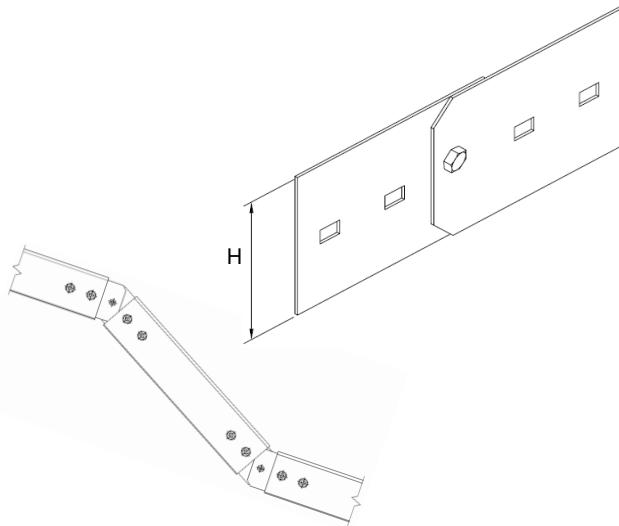
ACS ORIGINALSTRUT®; CABLE LADDER ACCESSORIES - ALUMINIUM
Cable Ladder - END PLATE, SEPARATOR, CONNECTOR
LADDER BLIND END PLATE

LADDER SEPARATOR

LADDER SPLICE PLATE STRAIGHT


Width W	Height H	BLIND END PLATE Part No. / SAP Des.
100	100	LALEP5W100
200	100	LALEP5W200
300	100	LALEP5W300
450	100	LALEP5W450
600	100	LALEP5W600
100	125	LALEP7W100
200	125	LALEP7W200
300	125	LALEP7W300
450	125	LALEP7W450
600	125	LALEP7W600
100	150	LALEP8W100
200	150	LALEP8W200
300	150	LALEP8W300
450	150	LALEP8W450
600	150	LALEP8W600

LADDER SEPARATOR Part No. / SAP Des.	ST. SPLICE PLATE Part No. / SAP Des.
H100 LALSEPH100	H100 LALSSPH100
H125 LALSEPH125	H125 LALSSPH125
H150 LALSEPH150	H150 LALSSPH150

Fixing Hardware for cable ladder systems must be ordered separately

Finish Aluminium

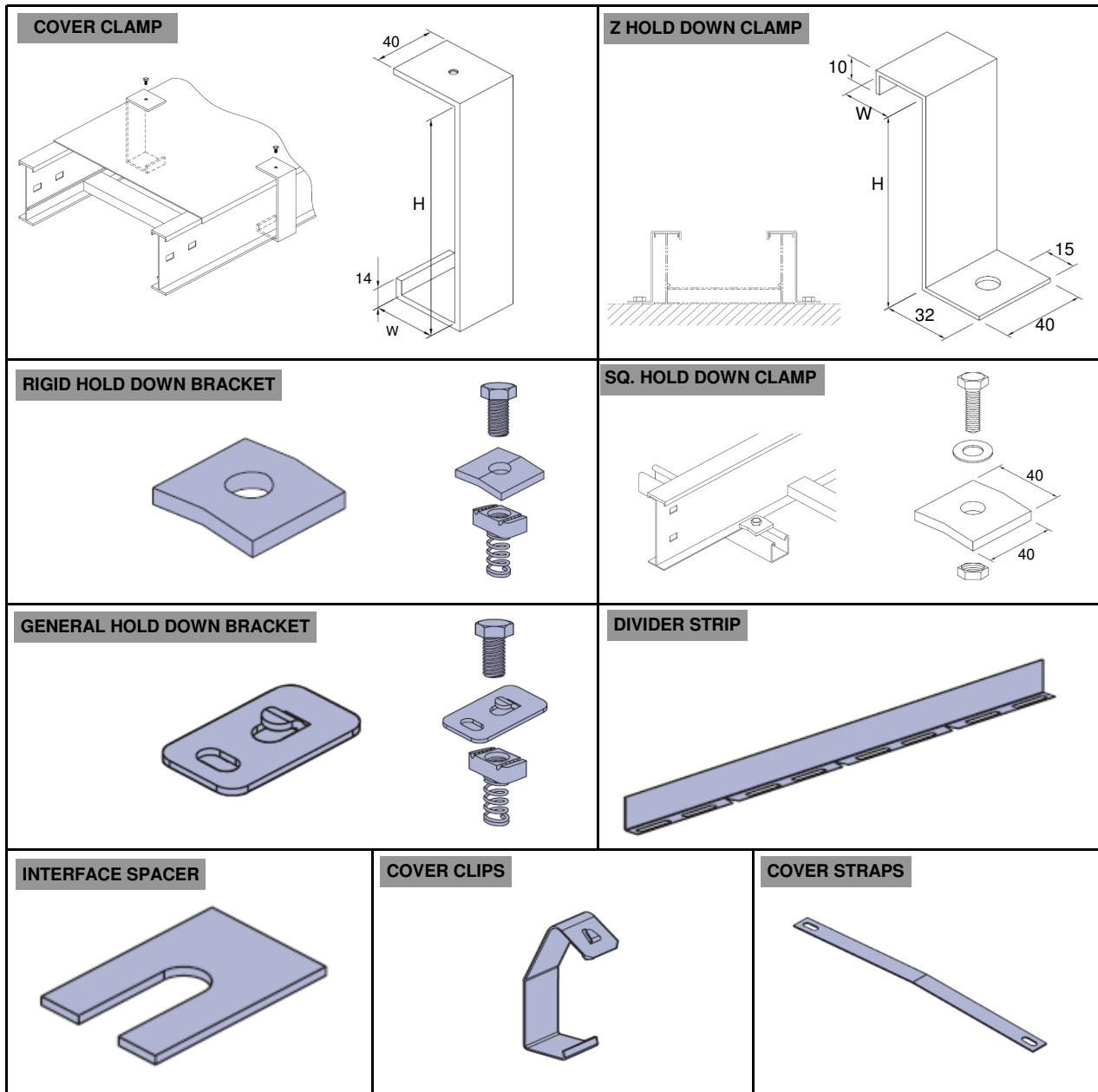
ACS ORIGINALSTRUT®; CABLE LADDER ACCESSORIES - ALUMINIUM
Cable Ladder - CONNECTOR
SPLICE PLATE 90°

LADDER REDUCER PLATE

HORIZONTAL SPLICE PLATE

VERTICAL SPLICE PLATE

REDUCER PLATE
Part No / SAP Des.

H100	H125	H150
LALRP5W100	LALRP7W100	LALRP8W100
LALRP5W200	LALRP7W200	LALRP8W200
LALRP5W300	LALRP7W300	LALRP8W300
LALRP5W450	LALRP7W450	LALRP8W450
LALRP5W600	LALRP7W600	LALRP8W600

SPLICE PLATE 90° Part No / SAP Des.	HOR. SPLICE PLATE Part No / SAP Des.	VER.SPLICE PLATE Part No / SAP Des.
H100 LAL90SH100	H100 LALHSPH100	H100 LALVSPH100
H125 LAL90SH125	H125 LALHSPH125	H125 LALVSPH125
H150 LAL90SH150	H150 LALHSPH150	H150 LALVSPH150

Fixing Hardware for cable ladder systems must be ordered separately

Finish Aluminium

ACS ORIGINALSTRUT®; CABLE LADDER ACCESSORIES - ALUMINIUM
Cable Ladder - CLAMPS


Description	Part No. / SAP Des.	
	12A	20A
General Hold Down Bracket	LALGHD12A	LALGHD20A

Description	Part No. / SAP Des.	
Sq. Hold Down Clamp		LALSQH4040
Rigid Hold Down Bracket		LALRGH4040
Interface Spacer		LALINFSPC

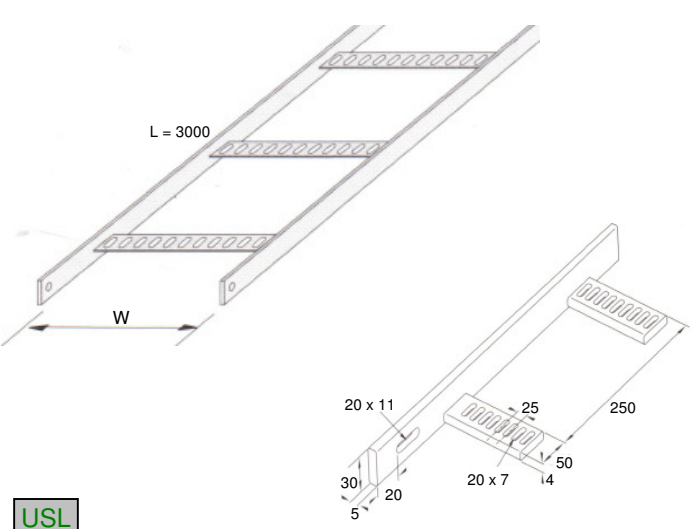
Description	Part No. / SAP Des.			Type	Cover Straps Ladder Width	Part No. / SAP Des.
	H100	H125	H150			
Cover Clamp	LALCVCH100	LALCVCH125	LALCVCH150	16A	100	LS6CVS16A100
Z Hold Down Clamp	LALZHCH100	LALZHCH125	LALZHCH150	16A	200	LS6CVS16A200
Divider Strip	LALDVSH100	LALDVSH125	LALDVSH150	16A	300	LS6CVS16A300
Description	Part No. / SAP Des.			Type	Cover Straps Ladder Width	Part No. / SAP Des.
	12A	16A	20C			
Aluminium Cover Clips	LS6CVC12A	LS6CVC16A	LS6CVC20C	16A	450	LS6CVS16A450
				16A	600	LS6CVS16A600
				20B	150	LS6CVS20B100
				20B	150	LS6CVS20B200
				20B	300	LS6CVS20B300
				20B	450	LS6CVS20B450
				20B	600	LS6CVS20B600

Finish Aluminium

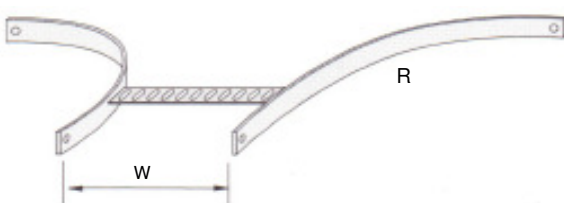
Fixing Hardware for aluminium cable ladder systems is SS316 or SS304 and must be ordered separately

ACS ORIGINALSTRUT®; MARINE LADDER - STEEL & STAINLESS

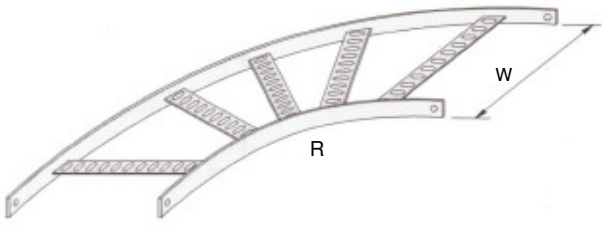
MARINE LADDER (USL)			
Standard Length	3m		
Rung Spacing	250mm nominal		
Standard Height	30mm		
Finish	Hot Dip Galvanised, Stainless Steel 316/304 Black Steel or Painted		
Part No / SAP Des.			Width
HDG	SS316	Black Steel	(mm)
USL3075	USL4075	USL7075	75
USL3100	USL4100	USL7100	100
USL3150	USL4150	USL7150	150
USL3200	USL4200	USL7200	200
USL3250	USL4250	USL7250	250
USL3300	USL4300	USL7300	300
USL3400	USL4400	USL7400	400
USL3500	USL4500	USL7500	500
USL3600	USL4600	USL7600	600



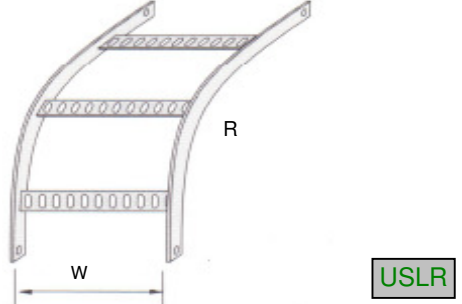
VERTICAL TEE (USLE)				
Part No / SAP Des.			Width	Radius(R)
HDG	SS316	Black Steel	(mm)	(mm)
USLE3075	USLE4075	USLE7075	75	100
USLE3100	USLE4100	USLE7100	100	100
USLE3150	USLE4150	USLE7150	150	100
USLE3200	USLE4200	USLE7200	200	100
USLE3250	USLE4250	USLE7250	250	100
USLE3300	USLE4300	USLE7300	300	150
USLE3400	USLE4400	USLE7400	400	150
USLE3500	USLE4500	USLE7500	500	200
USLE3600	USLE4600	USLE7600	600	200



90° BEND (USLB)				
Part No / SAP Des.			Width	Radius(R)
HDG	SS316	Black Steel	(mm)	(mm)
USLB3075	USLB4075	USLB7075	75	100
USLB3100	USLB4100	USLB7100	100	100
USLB3150	USLB4150	USLB7150	150	100
USLB3200	USLB4200	USLB7200	200	100
USLB3250	USLB4250	USLB7250	250	100
USLB3300	USLB4300	USLB7300	300	150
USLB3400	USLB4400	USLB7400	400	150
USLB3500	USLB4500	USLB7500	500	200
USLB3600	USLB4600	USLB7600	600	200



90° RISER (USLR)				
Part No / SAP Des.			Width	Radius(R)
HDG	SS316	Black Steel	(mm)	(mm)
USLR3075	USLR4075	USLR7075	75	150
USLR3100	USLR4100	USLR7100	100	150
USLR3150	USLR4150	USLR7150	150	150
USLR3200	USLR4200	USLR7200	200	150
USLR3250	USLR4250	USLR7250	250	150
USLR3300	USLR4300	USLR7300	300	150
USLR3400	USLR4400	USLR7400	400	150
USLR3500	USLR4500	USLR7500	500	150
USLR3600	USLR4600	USLR7600	600	150



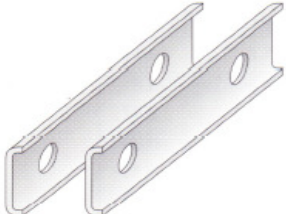
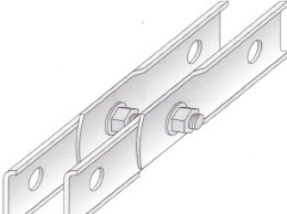
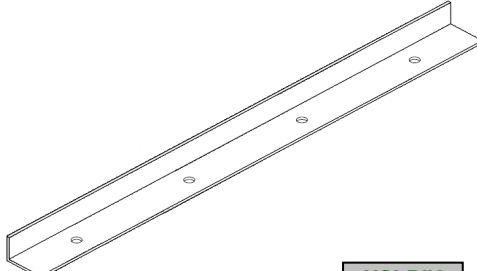
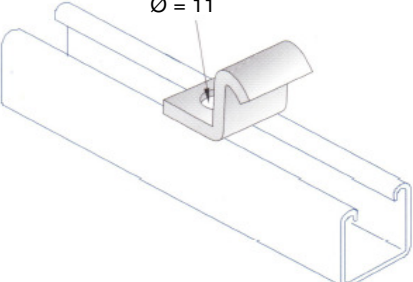
Splice plate & Fixing Hardware for cable ladder systems must be ordered separately

ACS ORIGINALSTRUT®; MARINE LADDER ACCESSORIES

TEE (USLT)				
Part No / SAP Des.			Width	Radius(R)
HDG	Stainless Steel 316	Black Steel	(mm)	(mm)
USLT3075	USLT4075	USLT7075	75	100
USLT3100	USLT4100	USLT7100	100	100
USLT3150	USLT4150	USLT7150	150	100
USLT3200	USLT4200	USLT7200	200	100
USLT3250	USLT4250	USLT7250	250	100
USLT3300	USLT4300	USLT7300	300	150
USLT3400	USLT4400	USLT7400	400	150
USLT3500	USLT4500	USLT7500	500	200
USLT3600	USLT4600	USLT7600	600	200



USLT

STRAIGHT COUPLER	VERTICAL HINGED COUPLER	DIVIDER
		
USL SC	USL VC	USL DIV
HOLD DOWN CLAMP	ROUND HEAD BOLT	
		
USL HDC	NBPM10	HNM10
		
		FWM10
		
		SWM10

Straight Coupler		
Part No / SAP Des.		
HDG	SS316	Black Steel
USLSC3	USLSC4	USLSC7

Vertical Hinged coupler		
Part No / SAP Des.		
HDG	SS316	Black Steel
USLVC3	USLVC4	USLVC7

Hold Down Clamp		
Part No / SAP Des.		
HDG	SS316	Black Steel
USLHDC3	USLHDC4	USLHDC7

Divider Strip		
Part No / SAP Des.		
HDG	SS316	Black Steel
USLDIV3	USLDIV4	USLDIV7

Round Head Bolt		
Part No / SAP Des.	Size (mm)	Length (mm)
NBPM1020	M10	20
NBPM1025	M10	25
NBPM1030	M10	30
NBPM1035	M10	35
Part No / SAP Des.	Size (mm)	
HNM10	M10	Hex Nuts
FWM10	M10	Flat Washers
SWM10	M10	Spring Washer

Finish Hot Dip Galvanised, SS316 / 304, Black Steel or Painted