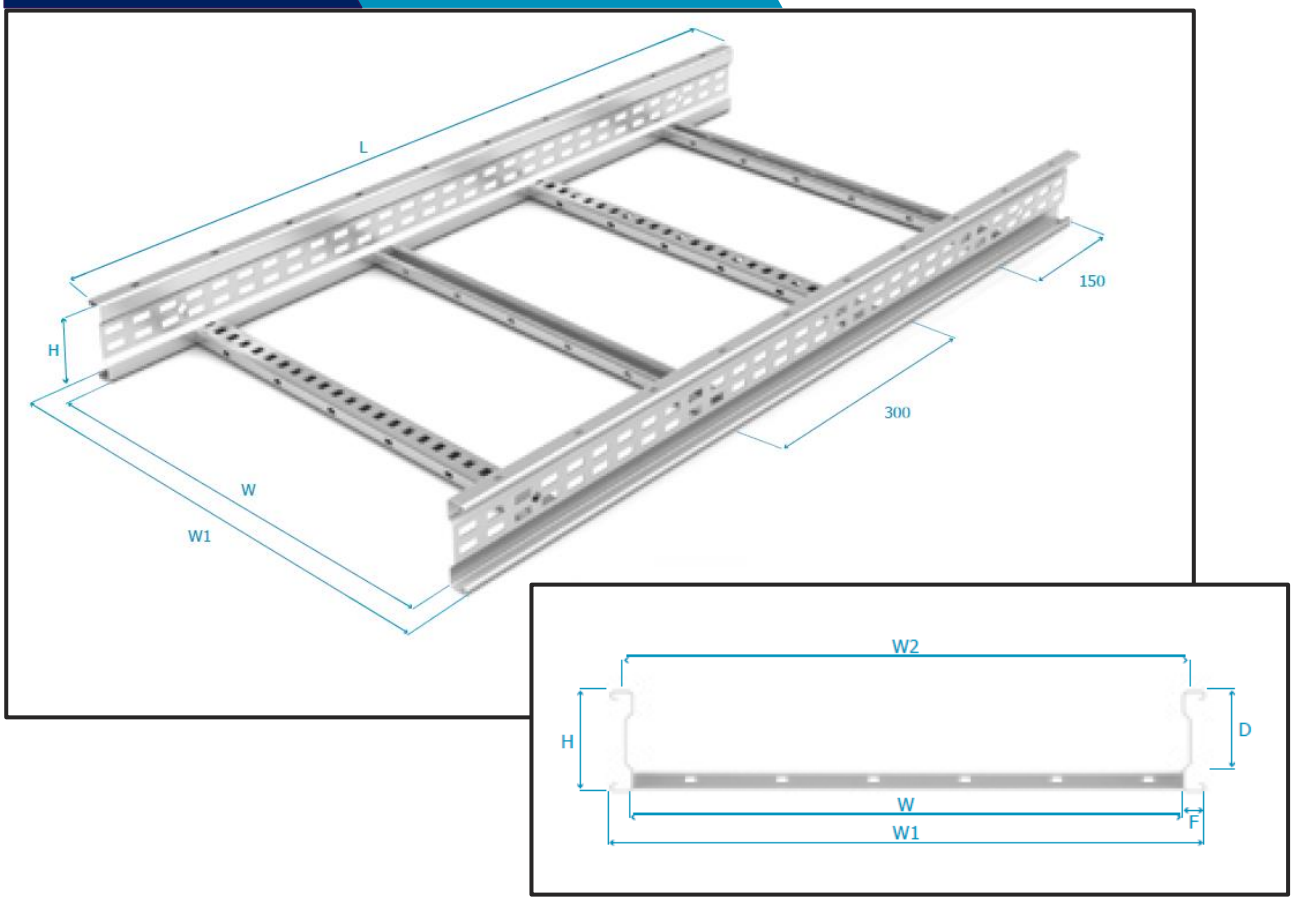
Speedway SW4 Cable Ladder

Speedway 4 (SW4) Medium Duty Cable Ladder is manufactured in 3.0m lengths as standard with 6.0m lengths to order. The cable ladder is available in standard widths of 150mm, 300mm, 450mm, 600mm, 750mm and 900mm, widths of 100mm up to 1050mm, in 50mm increments, are available to order. Rung spacing is 300mm as standard.

System Type: SW4

SW4-SL LENGTH-WIDTH-⬡



Part Number	No. of Rungs	Dimensions (mm)				Weight (kg)	Ordering information
		W	W1	L	H		
SW4-SL3-150-⬡	10	150	200	3000	110	14.26	8058505
SW4-SL3-300-⬡		300	350			15.92	8058555
SW4-SL3-450-⬡		450	500			17.59	8069594
SW4-SL3-600-⬡		600	650			19.25	On request
SW4-SL3-750-⬡		750	800			23.69	On request
SW4-SL3-900-⬡		900	950			25.91	On request

⬡ = Select a Finish & Material

Weights shown are for standard hot dip galvanised finish only, for Stainless Steel and Silicon Rich Steel weight conversion factors please refer to the Engineering Data Section of our catalogue (Page 213).

Height	H	110mm
Loading Depth	D	85mm
Ladder Width	W	100mm to 1050mm
Maximum Internal Width	W2	W + 14mm
Overall Width	W1	W + 50mm
Flange Width	F	25mm

Finishes & Materials:

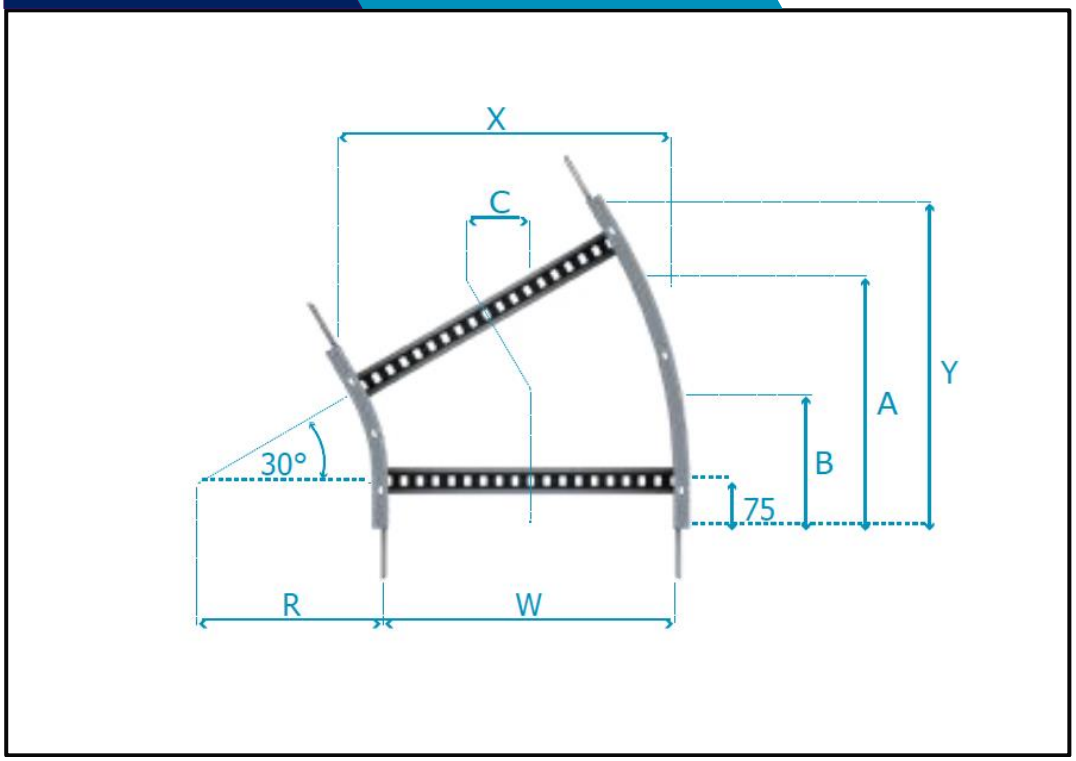
SS GX

Supplied with:

FIXING SETS X0

Speedway 30˚ Flat Elbows

Fitting Type: FE30 | SWΔ-FE30-WIDTH-RADIUS-⬡



Also available in 45°, 60° and 90° Flat Elbow

Part Number	No of Rungs	Dimensions (mm)										Ordering information
		R	W	A	B	C	X	Y	SW4	SW5	SW6	
SWΔ–FE30-150-300R-⬡	2	300	150	327	175	88	266	365	2.21	2.31	3.52	On request
SWΔ–FE30-300-300R-⬡	2		300	365	196	98	416	440	2.73	2.84	4.27	On request
SWΔ–FE30-450-300R-⬡	2		450	402	216	108	566	515	3.24	3.37	5	On request
SWΔ–FE30-600-300R-⬡	2		600	440	236	118	716	590	3.76	3.9	5.75	On request
SWΔ–FE30-750-300R-⬡	2		750	477	256	128	866	665	5.93	6.09	7.58	On request
SWΔ–FE30-900-300R-⬡	3		900	515	276	138	1016	740	6.78	6.96	8.55	On request
SWΔ–FE30-150-600R-⬡	2	600	150	477	256	128	306	515	2.93	3.09	4.69	On request
SWΔ–FE30-300-600R-⬡	2		300	515	276	138	456	590	3.46	3.63	5.44	On request
SWΔ–FE30-450-600R-⬡	2		450	552	296	148	606	665	4.46	4.65	6.83	On request
SWΔ–FE30-600-600R-⬡	3		600	590	316	158	756	740	5.14	5.35	7.79	On request
SWΔ–FE30-750-600R-⬡	3		750	627	336	168	906	815	6.66	6.86	8.75	On request
SWΔ–FE30-900-600R-⬡	3		900	665	356	178	1056	890	7.51	7.73	9.72	On request

Δ = select a System Type ⬡ = Select a Finish & Material

Weights shown are for standard hot dip galvanised finish only, for Stainless Steel and Silicon Rich Steel weight conversion factors please refer to the Engineering Data Section of our catalogue (Page 213)

VANTRUNK SPEEDLOK QUICKFIT CABLE LADDER

Finishes & Materials: GY SS GX GW

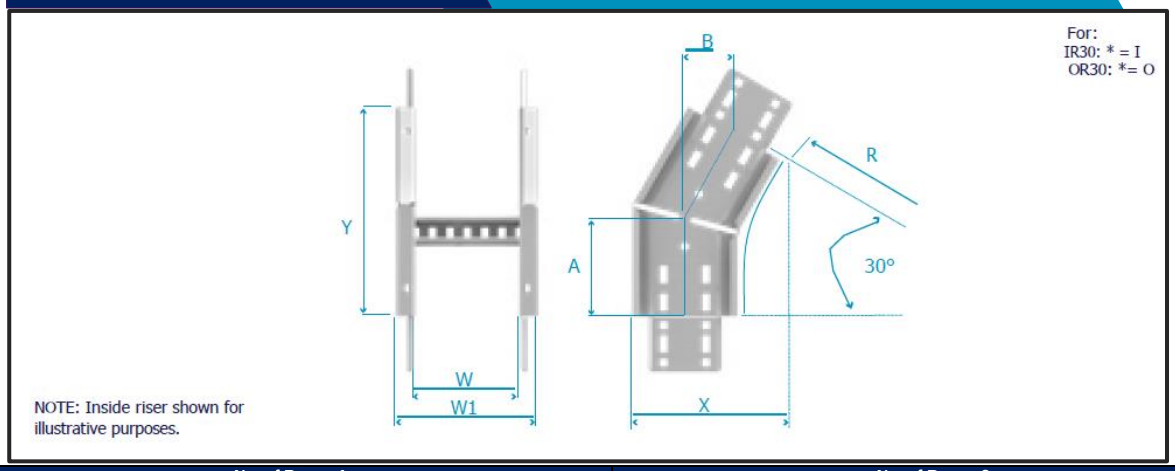
Supplied with: FIXING SETS x16

Not Required:

Speedway 30° Inside & Outside Risers

Fitting Type: IR30/OR30

Part Number: SWΔ -*R30-WIDTH-RADIUS-⬡



No. of Rungs 1 Radius R 300mm								No. of Rungs 2 Radius R 600mm								
Part Number	Dimensions (mm)						Weight (kg)	Part Number	Dimensions (mm)						Weight (kg)	Ordering information
	W	W1	A	B	X	Y			W	W1	A	B	X	Y		
SW4–IR30-150-300R-⬡	150	200	96	48	145	203	1.35	SW4–IR30-150-600R-⬡	150	200	176	88	185	353	2.17	On request ⬡
SW4–IR30-300-300R-⬡	300	350	96	48	145	203	1.51	SW4–IR30-300-600R-⬡	300	350	176	88	185	353	2.51	On request ⬡
SW4–IR30-450-300R-⬡	450	500	96	48	145	203	1.68	SW4–IR30-450-600R-⬡	450	500	176	88	185	353	2.84	On request ⬡
SW4–IR30-600-300R-⬡	600	650	96	48	145	203	1.85	SW4–IR30-600-600R-⬡	600	650	176	88	185	353	3.17	On request ⬡
SW4–IR30-750-300R-⬡	750	800	96	48	145	203	2.29	SW4–IR30-750-600R-⬡	750	800	176	88	185	353	4.06	On request ⬡
SW4–IR30-900-300R-⬡	900	950	96	48	145	203	2.51	SW4–IR30-900-600R-⬡	900	950	176	88	185	353	4.5	On request ⬡

No. of Rungs 1 Radius R 300mm								No. of Rungs 2 Radius R 600mm								
Part Number	Dimensions (mm)						Weight (kg)	Part Number	Dimensions (mm)						Weight (kg)	Ordering information
	W	W1	A	B	X	Y			W	W1	A	B	X	Y		
SW5–IR30-150-300R-⬡	150	200	98	49	165	213	1.39	SW5–IR30-150-600R-⬡	150	200	178	89	205	363	2.26	On request ⬡
SW5–IR30-300-300R-⬡	300	350	98	49	165	213	1.55	SW5–IR30-300-600R-⬡	300	350	178	89	205	363	2.6	On request ⬡
SW5–IR30-450-300R-⬡	450	500	98	49	165	213	1.72	SW5–IR30-450-600R-⬡	450	500	178	89	205	363	2.93	On request ⬡
SW5–IR30-600-300R-⬡	600	650	98	49	165	213	1.89	SW5–IR30-600-600R-⬡	600	650	178	89	205	363	3.26	On request ⬡
SW5–IR30-750-300R-⬡	750	800	98	49	165	213	2.33	SW5–IR30-750-600R-⬡	750	800	178	89	205	363	4.15	On request ⬡
SW5–IR30-900-300R-⬡	900	950	98	49	165	213	2.55	SW5–IR30-900-600R-⬡	900	950	178	89	205	363	4.59	On request ⬡

No. of Rungs 1 Radius R 300mm								No. of Rungs 2 Radius R 600mm								
Part Number	Dimensions (mm)						Weight (kg)	Part Number	Dimensions (mm)						Weight (kg)	Ordering information
	W	W1	A	B	X	Y			W	W1	A	B	X	Y		
SW6–IR30-150-300R-⬡	150	200	101	50	190	225	2.22	SW6–IR30-150-600R-⬡	150	200	181	91	230	375	3.53	On request ⬡
SW6–IR30-300-300R-⬡	300	350	101	50	190	225	2.44	SW6–IR30-300-600R-⬡	300	350	181	91	230	375	3.98	On request ⬡
SW6–IR30-450-300R-⬡	450	500	101	50	190	225	2.67	SW6–IR30-450-600R-⬡	450	500	181	91	230	375	4.42	On request ⬡
SW6–IR30-600-300R-⬡	600	650	101	50	190	225	2.89	SW6–IR30-600-600R-⬡	600	650	181	91	230	375	4.87	On request ⬡
SW6–IR30-750-300R-⬡	750	800	101	50	190	225	3.11	SW6–IR30-750-600R-⬡	750	800	181	91	230	375	5.31	On request ⬡
SW6–IR30-900-300R-⬡	900	950	101	50	190	225	3.33	SW6–IR30-900-600R-⬡	900	950	181	91	230	375	5.75	On request ⬡

VANTRUNK SPEEDLOK QUICKFIT CABLE LADDER

⬡ = Select a Finish & Material

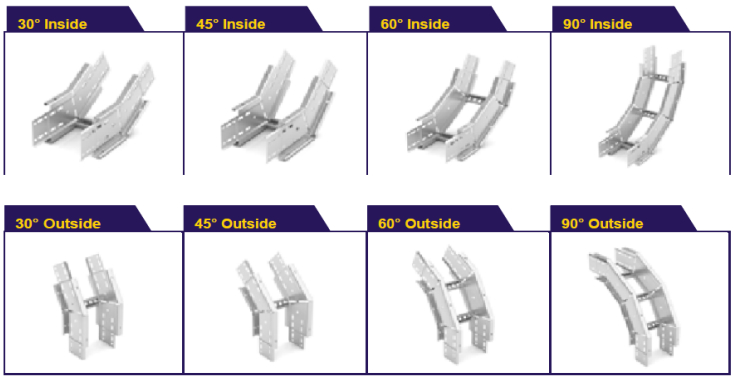
Finishes & Materials: GY SS GX GW

Supplied with: FIXING SETS x16

Not Required:

Weights shown are for standard hot dip galvanised finish only. for Stainless Steel and Silicon Rich Steel weight conversion factors please refer to the Engineering Data Section of our catalogue (Page 213).

Also available in:

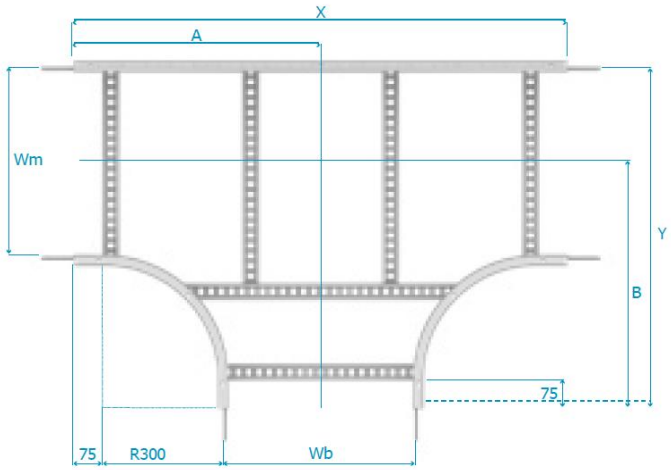


Speedway 300mm Radius Tees

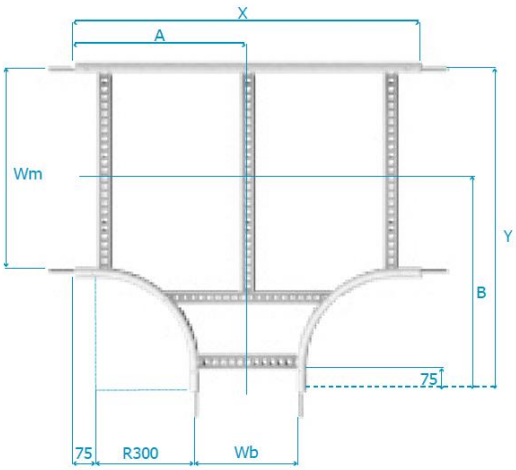
Fitting Type: ET (Equal Tee) UT (Unequal Tee)

SWΔ -*T-Wm-Wb-RADIUS-○

Equal Tee: * = E (include Wm only)



Unequal Tee: *= U (include both Wm and Wb)



*** On request**

150mm Branch										300mm Branch									
Part Number	Dimensions (mm)						Weight (kg)			Part Number	Dimensions (mm)						Weight (kg)		
	Wm	Wb	A	B	X	Y	SW4	SW5	SW6		Wm	Wb	A	B	X	Y	SW4	SW5	SW6
SWΔ-ET-150-300R-○	150	150	450	450	900	550	6.64	6.98	10.43	SWΔ-UT-150-300-300R-○	150	300	525	450	1050	550	7.32	7.7	11.43
SWΔ-UT-300-150-300R-○	300	150	450	525	900	700	7.15	7.49	11.09	SWΔ-ET-300-300R-○	300	300	525	525	1050	700	7.82	8.2	12.1
SWΔ-UT-450-150-300R-○	450	150	450	600	900	850	7.65	7.99	11.76	SWΔ-UT-450-300-300R-○	450	300	525	600	1050	850	8.31	8.69	12.76
SWΔ-UT-600-150-300R-○	600	150	450	675	900	1000	8.14	8.48	12.43	SWΔ-UT-600-300-300R-○	600	300	525	675	1050	1000	8.81	9.19	13.42
SWΔ-UT-750-150-300R-○	750	150	450	750	900	1150	8.65	8.99	13.09	SWΔ-UT-750-300-300R-○	750	300	525	750	1050	1150	9.32	9.7	14.09
SWΔ-UT-900-150-300R-○	900	150	450	825	900	1300	9.15	9.49	13.75	SWΔ-UT-900-300-300R-○	900	300	525	825	1050	1300	9.82	10.2	14.75

450mm Branch										600mm Branch									
Part Number	Dimensions (mm)						Weight (kg)			Part Number	Dimensions (mm)						Weight (kg)		
	Wm	Wb	A	B	X	Y	SW4	SW5	SW6		Wm	Wb	A	B	X	Y	SW4	SW5	SW6
SWΔ-UT-150-450-300R-○	150	450	600	450	1200	550	8.33	8.73	12.89	SWΔ-UT-150-600-300R-○	150	600	675	450	1350	550	9.01	9.45	13.9
SWΔ-UT-300-450-300R-○	300	450	600	525	1200	700	9	9.4	13.78	SWΔ-UT-300-600-300R-○	300	600	675	525	1350	700	9.68	10.12	14.79
SWΔ-ET-450-300R-○	450	450	600	600	1200	850	9.66	10.06	14.67	SWΔ-UT-450-600-300R-○	450	600	675	600	1350	850	10.34	10.78	15.67
SWΔ-UT-600-450-300R-○	600	450	600	675	1200	1000	10.33	10.73	15.56	SWΔ-ET-600-300R-○	600	600	675	675	1350	1000	11.01	11.45	16.56
SWΔ-UT-750-450-300R-○	750	450	600	750	1200	1150	11	11.4	16.44	SWΔ-UT-750-600-300R-○	750	600	675	750	1350	1150	11.68	12.12	17.46
SWΔ-UT-900-450-300R-○	900	450	600	825	1200	1300	11.66	12.06	17.33	SWΔ-UT-900-600-300R-○	900	600	675	825	1350	1300	12.34	12.78	18.35

750mm Branch										900mm Branch									
Part Number	Dimensions (mm)						Weight (kg)			Part Number	Dimensions (mm)						Weight (kg)		
	Wm	Wb	A	B	X	Y	SW4	SW5	SW6		Wm	Wb	A	B	X	Y	SW4	SW5	SW6
SWΔ-UT-150-750-300R-○	150	750	750	450	1500	550	9.69	10.15	14.89	SWΔ-UT-150-900-300R-○	150	900	825	450	1650	550	10.69	11.19	16.33
SWΔ-UT-300-750-300R-○	300	750	750	525	1500	700	10.36	10.82	15.78	SWΔ-UT-300-900-300R-○	300	900	825	525	1650	700	11.53	12.03	17.45
SWΔ-UT-450-750-300R-○	450	750	750	600	1500	850	11.02	11.48	16.67	SWΔ-UT-450-900-300R-○	450	900	825	600	1650	850	12.36	12.86	18.55
SWΔ-UT-600-750-300R-○	600	750	750	675	1500	1000	11.69	12.15	17.56	SWΔ-UT-600-900-300R-○	600	900	825	675	1650	1000	13.19	13.69	19.67
SWΔ-ET-750-300R-○	750	750	750	750	1500	1150	14.23	14.69	18.44	SWΔ-UT-750-900-300R-○	750	900	825	750	1650	1150	14.03	14.53	20.78
SWΔ-UT-900-750-300R-○	900	750	750	825	1500	1300	13.02	13.48	19.33	SWΔ-ET-900-300R-○	900	900	825	825	1650	1300	17.45	17.95	21.89

VANTRUNK SPEEDLOK QUICKFIT CABLE LADDER

○ = Select a Finish & Material

Finishes & Materials: GY SS GX GW

Supplied with: FIXING SETS x24

Not Required:

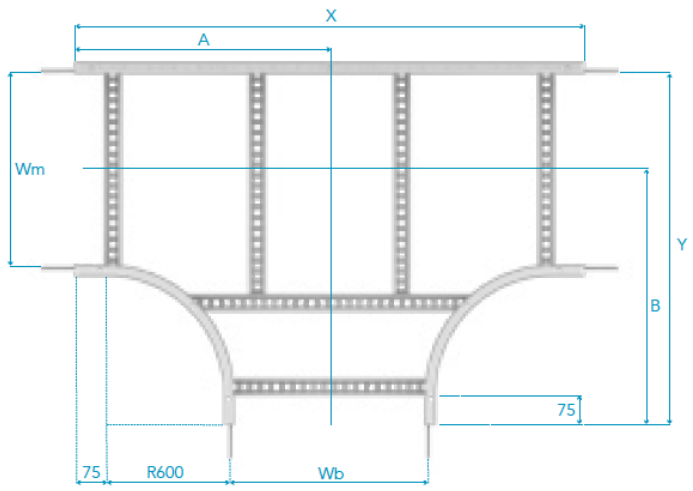
Weights shown are for standard hot dip galvanised finish only, for Stainless Steel and Silicon Rich Steel weight conversion factors please refer to the Engineering Data Section of our catalogue (Page 213).

Speedway 600mm Radius Tees

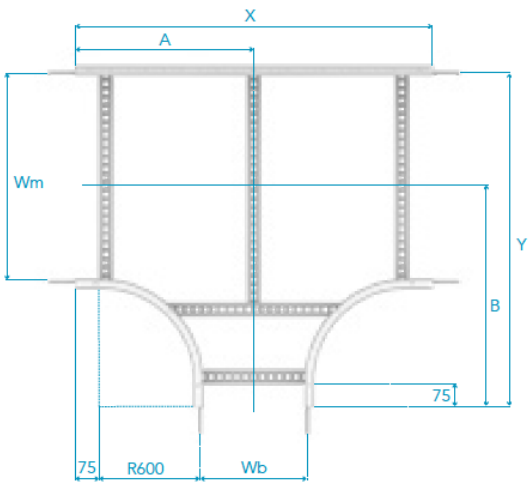
Fitting ET (Equal Tee) Type: UT (Unequal Tee)

SWΔ-*T-Wm-Wb-RADIUS-⬡

Equal Tee: * = E (include Wm only)



Unequal Tee: *= U (include both Wm and Wb)



*** On request**

150mm Branch										300mm Branch									
Part Number	Dimensions (mm)						Weight (kg)			Part Number	Dimensions (mm)						Weight (kg)		
		Wb	A	B	X	Y	SW4	SW5	SW6		Wm	Wb	A	B	X	Y	SW4	SW5	SW6
SWΔ-ET-150-600R-⬡	150	150	750	750	1500	850	11.03	11.65	17.32	SWΔ-UT-150-300-600R-⬡	150	300	825	750	1650	850	12.19	12.85	18.99
SWΔ-UT-300-150-600R-⬡	300	150	750	825	1500	1000	11.7	12.32	18.2	SWΔ-ET-300-600R-⬡	300	300	825	825	1650	1000	13.03	13.69	20.1
SWΔ-UT-450-150-600R-⬡	450	150	750	900	1500	1150	12.37	12.99	19.09	SWΔ-UT-450-300-600R-⬡	450	300	825	900	1650	1150	13.86	14.52	21.21
SWΔ-UT-600-150-600R-⬡	600	150	750	975	1500	1300	13.03	13.65	19.97	SWΔ-UT-600-300-600R-⬡	600	300	825	975	1650	1300	14.69	15.35	22.33
SWΔ-UT-750-150-600R-⬡	750	150	750	1050	1500	1450	13.7	14.32	20.87	SWΔ-UT-750-300-600R-⬡	750	300	825	1050	1650	1450	15.53	16.19	23.43
SWΔ-UT-900-150-600R-⬡	900	150	750	1125	1500	1600	14.36	14.98	21.73	SWΔ-UT-900-300-600R-⬡	900	300	825	1125	1650	1600	16.36	17.02	24.5

450mm Branch										600mm Branch									
Part Number	Dimensions (mm)						Weight (kg)			Part Number	Dimensions (mm)						Weight (kg)		
	Wm	Wb	A	B	X	Y	SW4	SW5	SW6		Wm	Wb	A	B	X	Y	SW4	SW5	SW6
SWΔ-UT-150-450-600R-⬡	150	450	900	750	1800	850	12.87	13.56	19.99	SWΔ-UT-150-600-600R-⬡	150	600	975	750	1950	850	13.56	14.27	21.01
SWΔ-UT-300-450-600R-⬡	300	450	900	825	1800	1000	13.71	14.4	21.11	SWΔ-UT-300-600-600R-⬡	300	600	975	825	1950	1000	14.39	15.1	22.12
SWΔ-ET-450-600R-⬡	450	450	900	900	1800	1150	14.54	15.23	22.22	SWΔ-UT-450-600-600R-⬡	450	600	975	900	1950	1150	15.23	15.94	23.23
SWΔ-UT-600-450-600R-⬡	600	450	900	975	1800	1300	15.37	16.06	23.34	SWΔ-ET-600-600R-⬡	600	600	975	975	1950	1300	16.06	16.77	24.34
SWΔ-UT-750-450-600R-⬡	750	450	900	1050	1800	1450	16.21	16.9	24.44	SWΔ-UT-750-600-600R-⬡	750	600	975	1050	1950	1450	16.89	17.6	25.46
SWΔ-UT-900-450-600R-⬡	900	450	900	1125	1800	1600	17.04	17.73	25.52	SWΔ-UT-900-600-600R-⬡	900	600	975	1125	1950	1600	17.73	18.44	26.52

750mm Branch										900mm Branch									
Part Number	Dimensions (mm)						Weight (kg)			Part Number	Dimensions (mm)						Weight (kg)		
	Wm	Wb	A	B	X	Y	SW4	SW5	SW6		Wm	Wb	A	B	X	Y	SW4	SW5	SW6
SWΔ-UT-150-750-600R-⬡	150	750	1050	750	2100	850	14.73	15.47	22.65	SWΔ-UT-150-900-600R-⬡	150	900	1125	750	2250	850	15.91	16.67	23.67
SWΔ-UT-300-750-600R-⬡	300	750	1050	825	2100	1000	15.73	16.47	23.99	SWΔ-UT-300-900-600R-⬡	300	900	1125	825	2250	1000	16.91	17.67	25.01
SWΔ-UT-450-750-600R-⬡	450	750	1050	900	2100	1150	16.73	17.47	25.32	SWΔ-UT-450-900-600R-⬡	450	900	1125	900	2250	1150	17.91	18.67	26.34
SWΔ-UT-600-750-600R-⬡	600	750	1050	975	2100	1300	17.73	18.47	26.66	SWΔ-UT-600-900-600R-⬡	600	900	1125	975	2250	1300	18.91	19.67	27.68
SWΔ-ET-750-600R-⬡	750	750	1050	1050	2100	1450	21.55	22.29	27.99	SWΔ-UT-750-900-600R-⬡	750	900	1125	1050	2250	1450	19.91	20.67	29.01
SWΔ-UT-900-750-600R-⬡	900	750	1050	1125	2100	1600	19.73	20.47	29.27	SWΔ-ET-900-600R-⬡	900	900	1125	1125	2250	1600	23.64	24.4	30.3

⬡ = Select a Finish & Material

VANTRUNK SPEEDLOK QUICKFIT CABLE LADDER

Finishes & Materials: GY SS GX GW

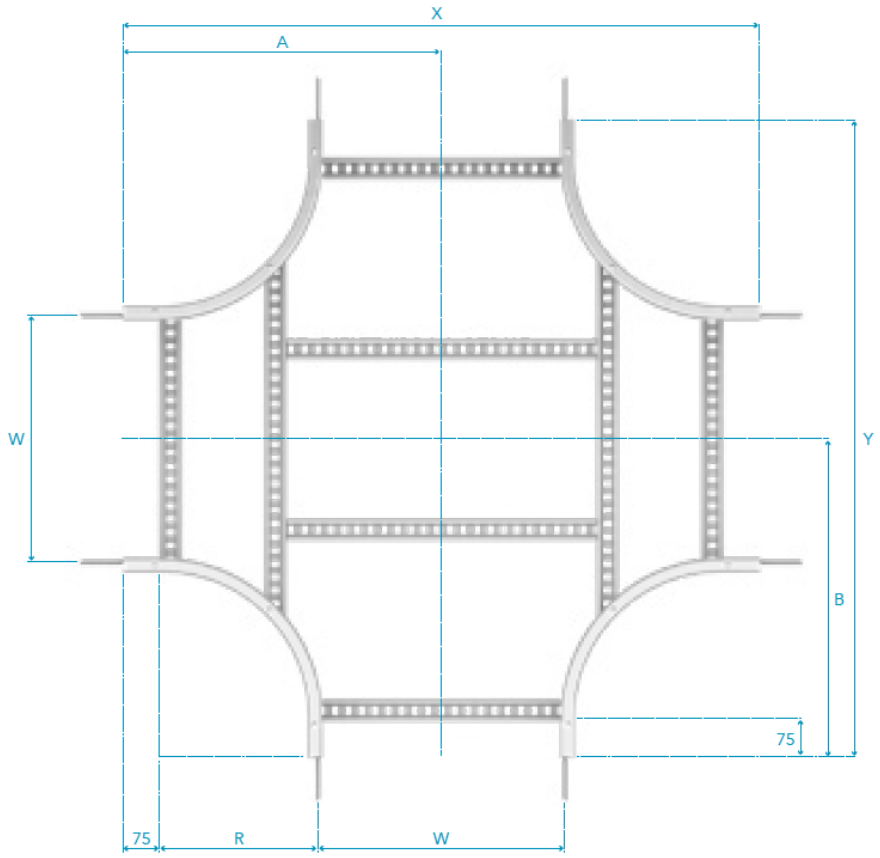
Supplied with: FIXING SETS x24

Not Required:

Weights shown are for standard hot dip galvanised finish only, for Stainless Steel and Silicon Rich Steel weight conversion factors please refer to the Engineering Data Section of our catalogue (Page 213).

Speedway Equal Crosses

Fitting Type: EC | SWΔ-EC-WIDTH-RADIUS-⬡



*** On request**

Part Number	Dimensions (mm)						Weights (kg)		
	R	W	A	B	X	Y	SW4	SW5	SW6
SWΔ-EC-150-300R-○	300	150	450	450	900	900	8.17	8.57	12.74
SWΔ-EC-300-300R-○	300	300	525	525	1050	1050	9.33	9.73	14.31
SWΔ-EC-450-300R-○	300	450	600	600	1200	1200	11.17	11.57	16.74
SWΔ-EC-600-300R-○	300	600	675	675	1350	1350	12.5	12.9	18.51
SWΔ-EC-750-300R-○	300	750	750	750	1500	1500	16.38	16.78	20.29
SWΔ-EC-900-300R-○	300	900	825	825	1650	1650	19.69	20.09	23.6
SWΔ-EC-150-600R-○	600	150	750	750	1500	1500	13.85	14.56	21.58
SWΔ-EC-300-600R-○	600	300	825	825	1650	1650	16.01	16.72	24.47
SWΔ-EC-450-600R-○	600	450	900	900	1800	1800	17.52	18.23	26.46
SWΔ-EC-600-600R-○	600	600	975	975	1950	1950	19.01	19.72	28.46
SWΔ-EC-750-600R-○	600	750	1050	1050	2100	2100	25.55	26.26	32.17
SWΔ-EC-900-600R-○	600	900	1125	1125	2250	2250	27.77	28.48	34.39

Δ= Select a System Type ○ = Select a Finish & Material

Finishes & Materials: GY SS GX GW

Supplied with: FIXING SETS X32

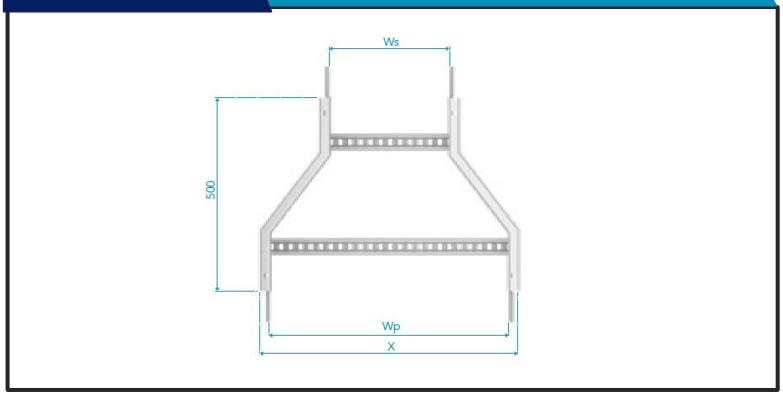
Not Required:

VANTRUNK SPEEDLOK QUICKFIT CABLE LADDER

Weights shown are for standard hot dip galvanised finish only, for Stainless Steel and Silicon Rich Steel weight conversion factors please refer to the Engineering Data Section of our catalogue (Page 213).

Reducer Straight

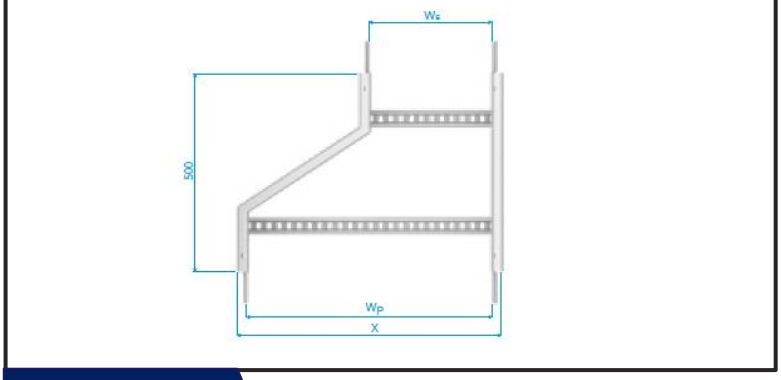
Fitting Type: RS — SWΔ- RS-WIDTH PRIMARY-WIDTH SECONDARY-⬡



Part Number	Dimensions (mm)			Weight (kg)		
	Wp	Ws	X	SW4	SW5	SW6
SWΔ-RS-300-150-⬡	300	150	350	3.14	3.28	4.92
SWΔ-RS-450-150-⬡	450		500	3.47	3.62	5.44
SWΔ-RS-600-150-⬡	600		650	3.88	4.06	6.04
SWΔ-RS-750-150-⬡	750		800	4.64	4.84	6.7
SWΔ-RS-900-150-⬡	900		950	5.17	5.39	7.41
SWΔ-RS-450-300-⬡	450	300	500	3.47	3.61	5.37
SWΔ-RS-600-300-⬡	600		650	3.8	3.95	5.88
SWΔ-RS-750-300-⬡	750		800	4.59	4.77	6.48
SWΔ-RS-900-300-⬡	900		950	5.08	5.28	7.14
SWΔ-RS-600-450-⬡	600	450	650	3.81	3.95	5.82
SWΔ-RS-750-450-⬡	750		800	4.58	4.73	6.33
SWΔ-RS-900-450-⬡	900		950	5.04	5.22	6.93
SWΔ-RS-750-600-⬡	750	600	800	4.64	4.78	6.26
SWΔ-RS-900-600-⬡	900		950	5.02	5.17	6.77
SWΔ-RS-900-750-⬡	900	750	950	5.08	5.22	6.7

Δ = Select a System Type ⬡ = Select a Finish & Material

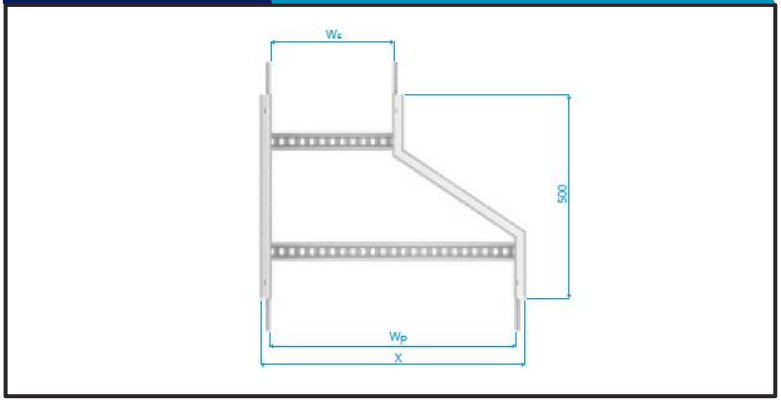
Fitting Type: RL — SWΔ- RL-WIDTH PRIMARY-WIDTH SECONDARY-⬡



Part Number	Dimensions (mm)			Weight (kg)		
	Wp	Ws	X	SW4	SW5	SW6
SWΔ-RL-300-150-⬡	300	150	350	3.21	3.36	5.06
SWΔ-RL-450-150-⬡	450		500	3.63	3.8	5.7
SWΔ-RL-600-150-⬡	600		650	4.11	4.31	6.42
SWΔ-RL-750-150-⬡	750		800	4.93	5.14	7.16
SWΔ-RL-900-150-⬡	900		950	5.47	5.73	7.92
SWΔ-RL-450-300-⬡	450	300	500	3.54	7.82	5.51
SWΔ-RL-600-300-⬡	600		650	3.96	4.13	6.14
SWΔ-RL-750-300-⬡	750		800	4.82	5.02	6.86
SWΔ-RL-900-300-⬡	900		950	5.37	5.58	7.6
SWΔ-RL-600-450-⬡	600	450	650	3.88	4.03	5.96
SWΔ-RL-750-450-⬡	750		800	4.74	4.91	6.59
SWΔ-RL-900-450-⬡	900		950	5.27	5.47	7.31
SWΔ-RL-750-600-⬡	750	600	800	4.71	4.86	6.4
SWΔ-RL-900-600-⬡	900		950	5.18	5.35	7.03
SWΔ-RL-900-750-⬡	900	750	950	5.15	5.3	6.84

Δ = Select a System Type ⬡ = Select a Finish & Material

Fitting Type: RR — SWΔ- RR-WIDTH PRIMARY-WIDTH SECONDARY-⬡

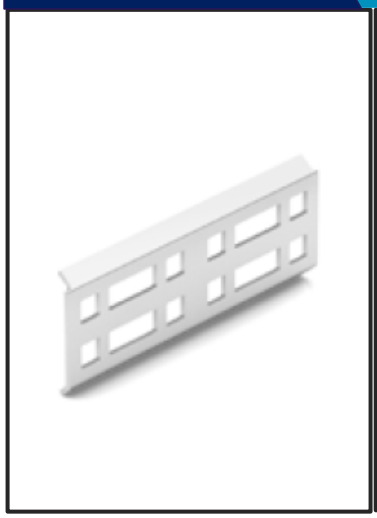


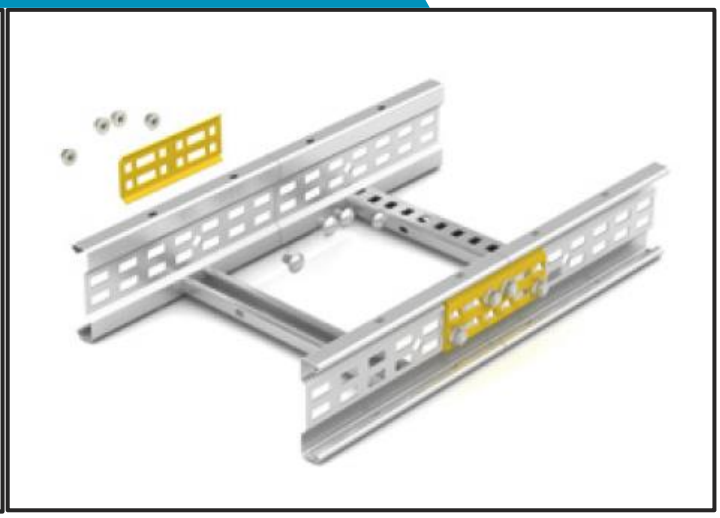
Part Number	Dimensions (mm)			Weight (kg)		
	Wp	Ws	X	SW4	SW5	SW6
SWΔ-RR-300-150-⬡	300	150	350	3.21	3.36	5.06
SWΔ-RR-450-150-⬡	450		500	3.63	3.8	5.7
SWΔ-RR-600-150-⬡	600		650	4.11	4.31	6.42
SWΔ-RR-750-150-⬡	750		800	4.93	5.14	7.16
SWΔ-RR-900-150-⬡	900		950	5.47	5.73	7.92
SWΔ-RR-450-300-⬡	450	300	500	3.54	3.69	5.51
SWΔ-RR-600-300-⬡	600		650	3.96	4.13	6.14
SWΔ-RR-750-300-⬡	750		800	4.82	5.02	6.86
SWΔ-RR-900-300-⬡	900		950	5.37	5.58	7.6
SWΔ-RR-600-450-⬡	600	450	650	3.88	4.03	5.96
SWΔ-RR-750-450-⬡	750		800	4.74	4.91	6.59
SWΔ-RR-900-450-⬡	900		950	5.27	5.47	7.31
SWΔ-RR-750-600-⬡	750	600	800	4.71	4.86	6.4
SWΔ-RR-900-600-⬡	900		950	5.18	5.35	7.03
SWΔ-RR-900-750-⬡	900	750	950	5.15	5.3	6.84

Δ = Select a System Type ⬡ = Select a Finish & Material

SW4 Straight Coupler

Coupler Type: SW4-CS | **Part Number: SW4-CS-⬡**





Ordering information
8049838
Also available in
SW5 and SW6

⬡ = **Select a Finish & Material**

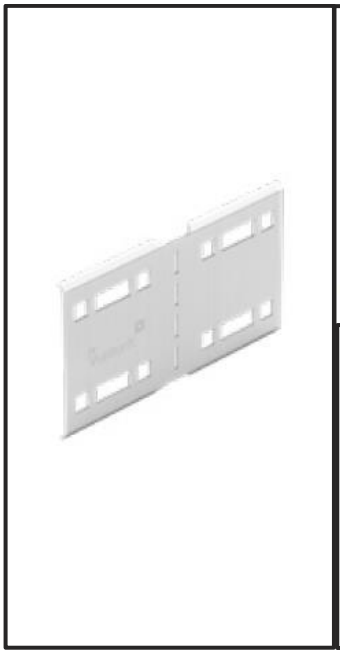
Finishes & Materials: GA SS GX GW

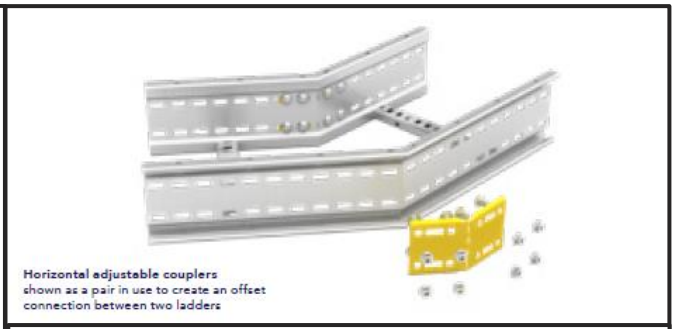
Supplied with: FIXING SETS x4

Not Required:

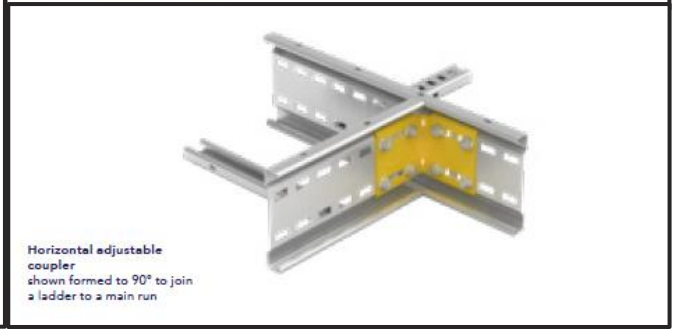
Showing assembly detail onto ladder. Supplied with 4 fixings per coupler

Coupler Type: HAC | **Part Number: SWΔ-HAC-⬡** | **Ordering information: 8058578**





Horizontal adjustable couplers shown as a pair in use to create an offset connection between two ladders



Horizontal adjustable coupler shown formed to 90° to join a ladder to a main run

Horizontal Adjustable Couplers

Speedway Horizontal Adjustable Couplers (HAC's) are used to join straight ladder and ittings where these need to be connected at offset angles in the same horizontal or vertical plane. When connecting a HAC to a cable ladder itting please connect via a Fitting to Fitting Coupler (FFC), turn to Page 69 for details.

Speedway Horizontal Adjustable Couplers are supplied singly and come complete with all necessary ladder ixing sets.

The Speedway Horizontal Adjustable Coupler is supplied lat and has easi-bend slots which allow the coupler to be bent on site to any angle to connect two cable ladder runs to form 'T' & 'Y' intersections.

Δ = **Select a System Type** ⬡ = **Select a Finish & Material**

Finishes & Materials: GA SS GX GW

Supplied with: FIXING SETS x8

Not Required:

Showing assembly detail onto ladder. Supplied with 8 fixings per coupler

Vertical Adjustable Couplers

Speedway Vertical Adjustable couplers (VAC) are used to join straight ladder and fittings where these need to be connected at offset angles when these lie in different planes. When connecting a VAC to a cable ladder fitting please c onnect via a Fitting to Fitting Coupler (FFC), turn to Page 69 for details.

Speedway Vertical Adjustable couplers are supplied singly and come complete with all necessary ladder fixing sets. Each vertical adjustable coupler comprises of two half plates complete with all necessary pivot fixings.

The arrangement of the pivot holes and elongated slots allows for infinite angular adjustment to suit specific site requirements. The vertical adjustable coupler features easi-bend slots which allow the couplers to be adjusted on site to create combined horizontal & vertical offset connections, ladder connections onto the side wall of a main run to form tees, or straight ladder & fitting connections directly to a floor or wall.

Coupler Type: VAC | **Part Number: SWΔ-VAC-⬡** | **Ordering information: 8058577**

Vertical Adjustable Coupler
Shown connecting two ladders in the vertical plane

Δ = Select a System Type ⬡ = Select a Finish & Material

Finishes & Materials: GA SS GX GW

Supplied with: FIXING SETS x8

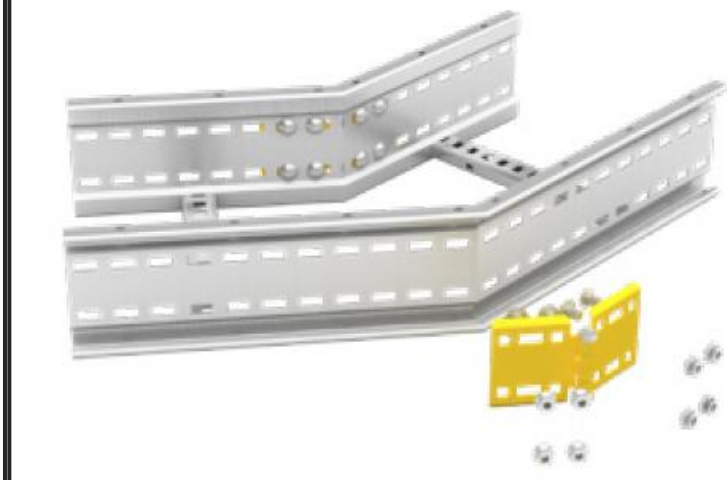
Not Required:

Horizontal Hinged Couplers

Speedway Horizontal Hinged Couplers (HHC's) are offered as an alternative to the HAC. Speedway Horizontal Hinged Couplers are supplied singly and come complete with all necessary ladder ixing sets.

The Speedway Horizontal Hinged Coupler is supplied as an assembly allowing the coupler to be hinged to any angle to connect two cable ladder runs to form 'T' & 'Y' intersections.

Coupler Type: HHC | **Part Number: SWΔ-HHC-⬡** | *** On request**



Δ = Select a System Type ⬡ = Select a Finish & Material

Finishes & Materials: GA SS GX GW

Supplied with: FIXING SETS x8

Not Required:

Showing assembly detail onto ladder. Supplied with 8 fixings per coupler

Fitting to Fitting Coupler

Speedway Fitting to Fitting Coupler (FFC) facilitates the joining of two abutting cable ladder fittings with Speedlok Integral Couplers. The fitting to fitting coupler is also used when turning an equal cross into an unequal Cross.

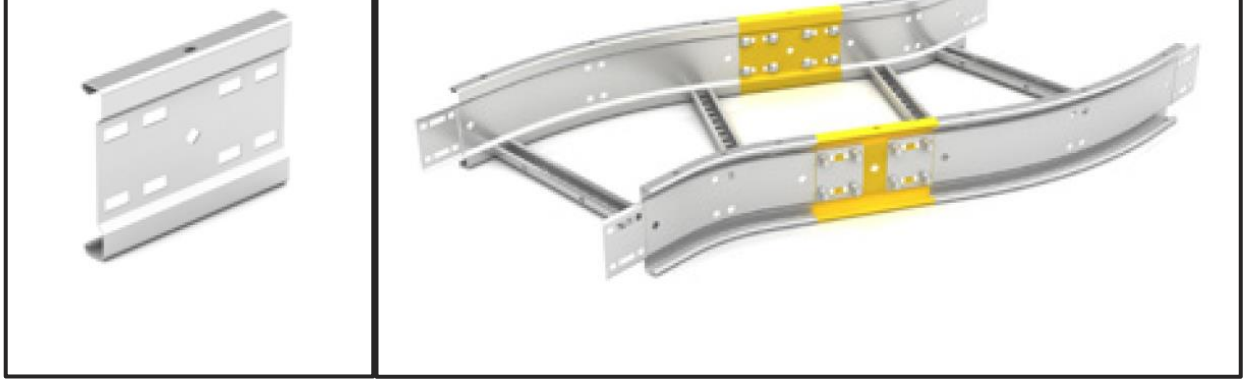
The Fitting to Fitting Coupler is based on the traditional Speedway Cable Ladder profile which is manufactured to a length of 200mm. The FFC is available across the Speedway product range in SW4, SW5 and SW6. To allow for two cable ladder fittings to be secured each FFC has 5 rows of slots, containing an 11mm hole in the middle row to allow fixing of an Earth Bonding Strap (ESB-01)

To join two ladder fittings, first loose fit the FFC to one of the abutting fittings. Once the FFC is in place it will allow the secondary fitting to be positioned and fixed easily, tighten the fixings allowing the integral couplers to clamp onto the FFC profile thus providing a secure joining mechanism between the fittings.

An FFC will also be required when turning an Equal Cross (EC) into an Unequal Cross using a Reducer. Firstly the FFC should be secured loosely to the Cross, when both FFCs are in place secure the reducer. When all fixing locations are tightened the reducer will provide an immediate reduction to the equal cross. Please refer to Equal Crosses for more details.

The Fitting to Fitting coupler is supplied singly. To allow for full mechanical and environmental protection of cables, a Fitting to Fitting Cover will be required.

Coupler Type: FFC | Part Number: SWΔ-FFC-⬡ | Ordering information: 8063036



Δ = Select a System Type ⬡ = Select a Finish & Material

Finishes & Materials: GA SS GX GW

Supplied with: FIXING SETS x0

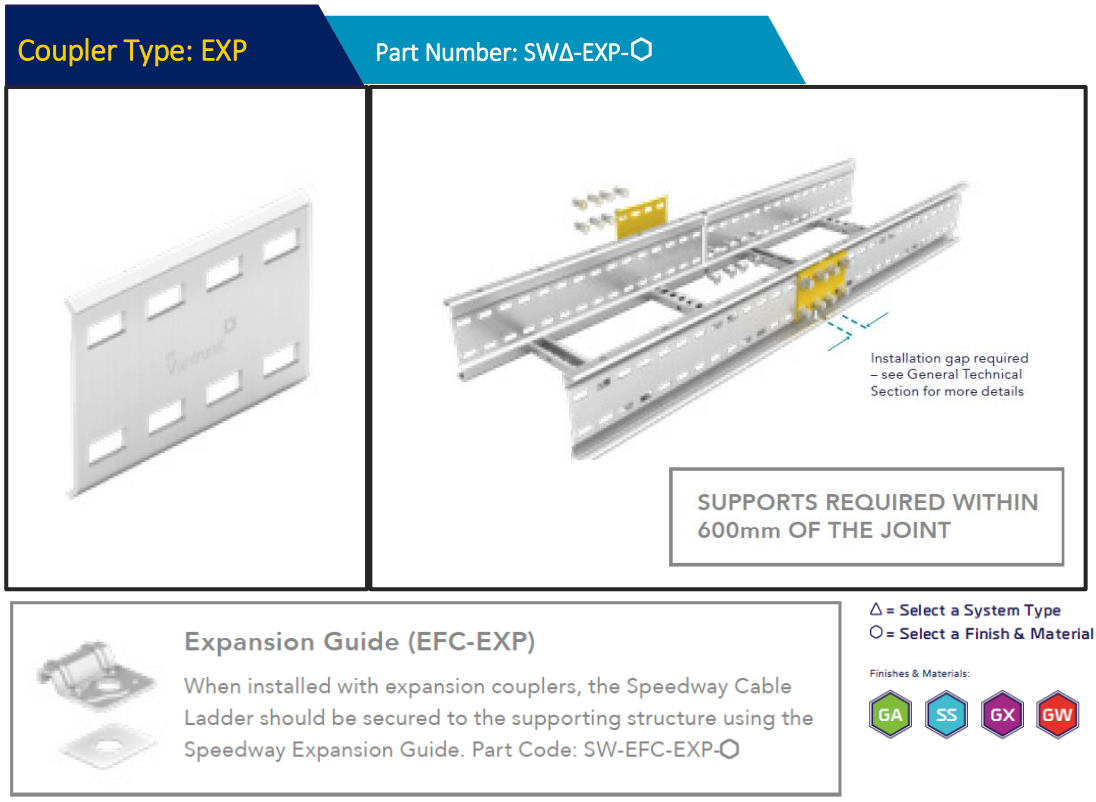
Expansion Coupler

Speedway Expansion Couplers (EXP) are recommended for those installations where the maximum and minimum temperatures are such that the expansion and contraction of the cable ladder installation is a consideration.

Each Expansion Coupler is designed to allow for a maximum movement of 28mm. Speedway expansion couplers are supplied singly and come complete with all necessary ladder fixings (8 fixings supplied with each coupler).

The Expansion Coupler should not be installed without a support either side of the expansion joint within 600mm.

Specific recommendations covering the spacing of expansion couplers and the setting gap at the time of installation are given in the General Technical Section.



Expansion Guide (EFC-EXP)

When installed with expansion couplers, the Speedway Cable Ladder should be secured to the supporting structure using the Speedway Expansion Guide. Part Code: SW-EFC-EXP-⬡

△ = Select a System Type
⬡ = Select a Finish & Material

Finishes & Materials: GA SS GX GW

Supplied with: FIXING SETS x8

Support Reduction Expansion Coupler

Speedway Support Reduction Expansion Couplers (SREC) are recommended for those installations where the maximum and minimum temperatures are such that the expansion and contraction of the cable ladder installation is a consideration and where it is not possible to provide support within 600mm of the expansion joint.

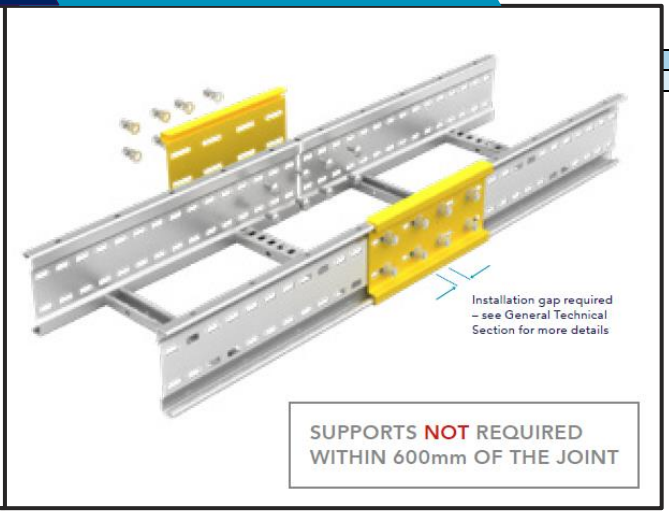
Capable of carrying the full load of the Speedway Cable Ladder at the expansion joint, each expansion coupler is designed to allow for a maximum movement of 75mm.

Speedway Support Reduction Expansion Couplers are supplied singly and come complete with all necessary ladder fixings (8 fixing sets per coupler).

Specific recommendations covering the spacing of expansion couplers and the setting gap at the time of installation are given in the General Technical Section of the catalogue.

Coupler Type: FME

Part Number: SWΔ-FME-⬡



	Ordering information
SW4/FME/SS	8060447
SW6/FME/SS	8063033

Expansion Guide (EFC-EXP)

When installed with expansion couplers, the Speedway Cable Ladder should be secured to the supporting structure using the Speedway Expansion Guide. Part Code: SW-EFC-EXP-⬡

Δ = Select a System Type
⬡ = Select a Finish & Material

Finishes & Materials: GA SS GX GW

Supplied with: FIXING SETS x8

ACCESSORIES

External Flange Clamp

The External Flange Clamp (EFC) forms a simple but effective means of connecting Speedway Cable Ladder and Fittings to the supporting structure.

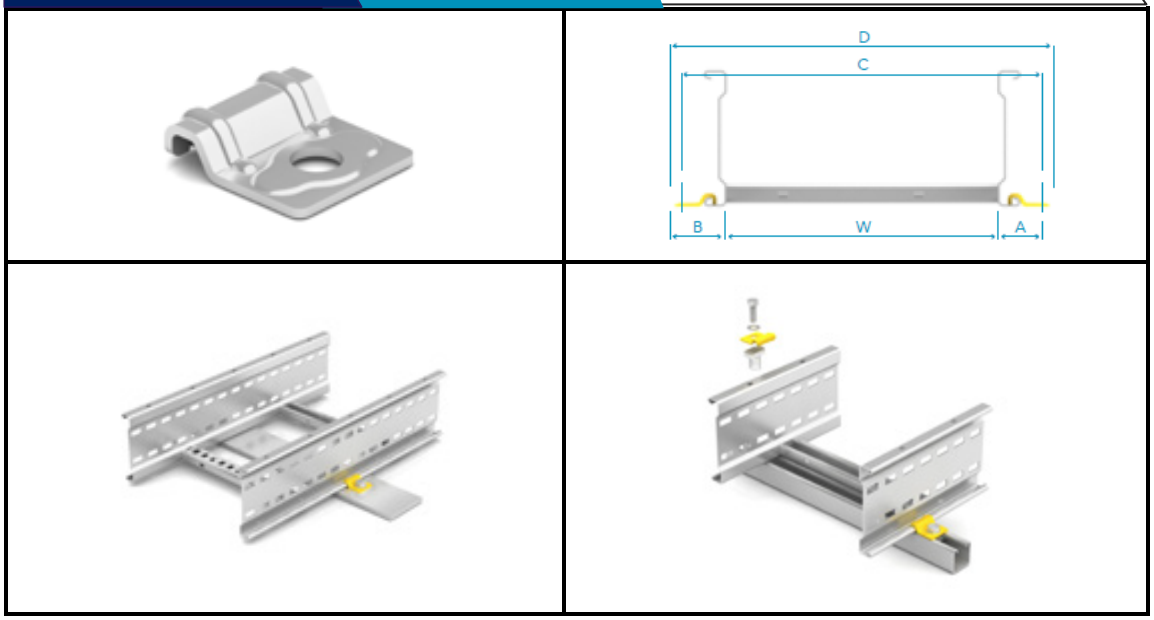
Designed for use with either channel (BS 6946 strut type) or structural steelwork, the external flange clamp has an M10 clearance hole.

Forming a secure clamping attachment onto the bottom flange of the Speedway profile, the external flange clamp can be used with all Speedway SW4, SW5, & SW6 cable ladder and fittings.

The External Flange Clamp is suitable for securing horizontal runs of Speedway Cable Ladder and Fittings in the horizontal plane.

External Flange Clamps are not suitable for supporting Speedway Cable Ladder installed as part of a vertical run.

Accessory Type: EFC | **Part Number: SW-EFC-⬡** | **Ordering information: 8063034 (SS)**



The following table gives the recommended fixing hole centres and general dimensions when using External Flange Clamps.

Dimensions (mm)			
A	B	C	D
44.5	56	W+89	W+116

W=System Width

Finishes & Materials: GA SS GX GW

Supplied with: FIXING SETS x0 — MOUNTING FIXINGS NOT INCLUDED

The minimum thread length for the M10 fixing bolt is 22mm plus the thickness of the supporting steelwork. Refer to the table below for details of the fixing bolts.

Part Number	Thread Length	Description
M10x25-HS-⬡	25	M10 x 25 Hex Head Bolt
M10x30-HS-⬡	30	M10 x 30 Hex Head Bolt
M10x35-HS-⬡	35	M10 x 35 Hex Head Bolt
M10x40-HS-⬡	40	M10 x 40 Hex Head Bolt

⬡ = Select a Finish & Material

Adaptable Fixing Bracket

The Speedway Adaptable Fixing Bracket (AFB) provides a bolted connection between the supporting structure and the Speedway Cable Ladder & Fittings.

The adaptable fixing bracket is recommended for use in supporting vertical runs of Speedway Cable Ladder and Fittings and for applications where the Speedway Cable Ladder is edge-mounted (i.e. installed in the vertical plane running horizontally).

The adaptable fixing bracket gives multiple fixing options for attaching and securing Speedway Cable Ladder and Fittings.

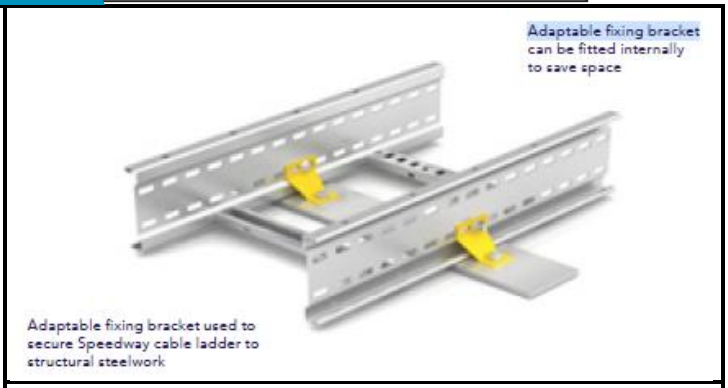
Forming a secure bolted connection into the lower row of slots, the adaptable fixing bracket is suitable for use with Speedway SW4, SW5, & SW6 Cable Ladder and Fittings.

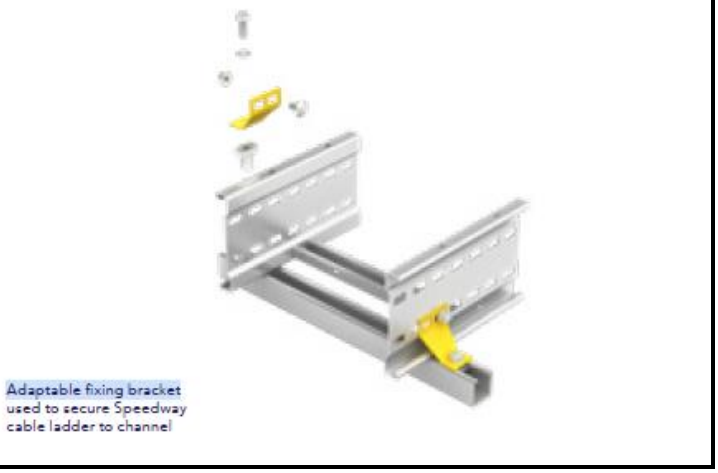
For those applications where space is limited, the Adaptable Fixing Bracket can be fitted internally within the Speedway Cable Ladder. The unique design of the Adaptable Fixing Bracket is such that there is no decrease in the effective loading area of the cable ladder when installed in this manner.

The adaptable fixing bracket can also be used singularly or in pairs to suspend Speedway Cable Ladder from threaded rod. For Speedway SW4 & SW5 Cable Ladder, the adaptable fixing bracket forms a simple but effective end connector to walls and floors.

The adaptable fixing bracket is supplied with one ladder fixing as standard.

Accessory Type: AFB | Part Number: SW-AFB-⬡ | Ordering information: 8055130





Speedway Hold Down Bracket

The Speedway Hold Down Bracket (HDB) is a simple but effective means of securing Speedway Cable Ladder and Fittings to the supporting structure. The Hold Down Bracket has a single M10 clearance slot which allows for easy adjustment to suit predrilled fixing holes in the supporting structure. The Hold Down Bracket is equally suited for installation on channel (BS 6946 strut type) or steelwork.

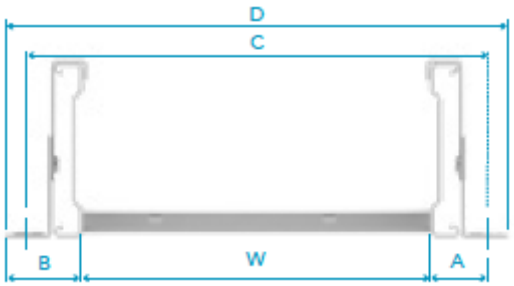
Hold Down Brackets are not suitable for supporting Speedway Cable Ladder installed as part of a vertical run.

Accessory Type: HDB | **Part Number: SW-HDB-⬡** | **Ordering information: 8060171**

EE SS Supplied in two parts, omit System Type e.g. SW-HDB-O

GX GW Supplied as a single part, include System Type e.g. SW6-HDB-O

Speedway hold down bracket fitted onto Speedway cable ladder



Dimensions (mm)							
EE SS				GX GW			
A	B	C	D	A	B	C	D
47.5	67.5	W+95	W+135	45.5	65.5	W+91	W+131

Part Number	Thread Length	Description
M10x25-HS-O	25	M10 x 25 Hex Head Bolt
M10x30-HS-O	30	M10 x 30 Hex Head Bolt
M10x35-HS-O	35	M10 x 35 Hex Head Bolt
M10x40-HS-O	40	M10 x 40 Hex Head Bolt

W = Ladder Width

Finishes & Materials: EE SS GX GW
Supplied with: FIXING SETS x0
MOUNTING FIXINGS NOT INCLUDED

For GY Ladder Systems use EE material

⬡ = Select a Finish & Material

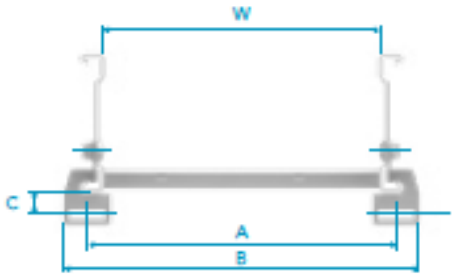
The minimum thread length for the M10 fixing bolt is 22mm plus the thickness of the supporting steelwork. Refer to the table above for details of the fixing bolts.

ACCESSORIES

Angle Securing Bracket

Accessory Type: ASB | **Part Number: SW-ASB-⬡** | **Ordering information: 8058586**

Speedway angle securing bracket fitted onto Speedway cable ladder



Dimensions (mm)		
A	B	C
W+36	W+86	24

Part Number	Thread Length	Description
M10x25-HS-⬡	25	M10 x 25 Hex Head Bolt
M10x30-HS-⬡	30	M10 x 30 Hex Head Bolt
M10x35-HS-⬡	35	M10 x 35 Hex Head Bolt
M10x40-HS-⬡	40	M10 x 40 Hex Head Bolt

W = Ladder Width

⬡ = Select a Finish & Material

Finishes & Materials: GA SS GX GW

Supplied with: FIXING SETS x1

MOUNTING FIXINGS NOT INCLUDED

The minimum thread length for the M10 fixing bolt is 22mm plus the thickness of the supporting steelwork. Refer to the table above for details of the fixing bolts.

Straight Ladder Divider

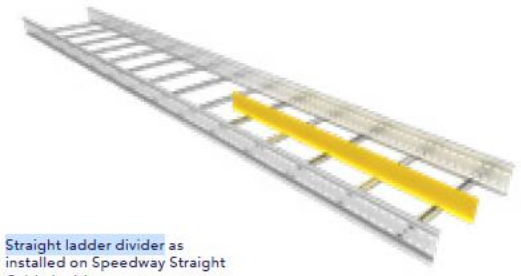
Speedway Straight Ladder Dividers (DIV-SL1.5) are available for cable segregation and separation purposes along the length of a cable run.

Straight Ladder Dividers are available in three heights to suit Speedway SW4, SW5, & SW6 cable ladder and are 1500mm in length.

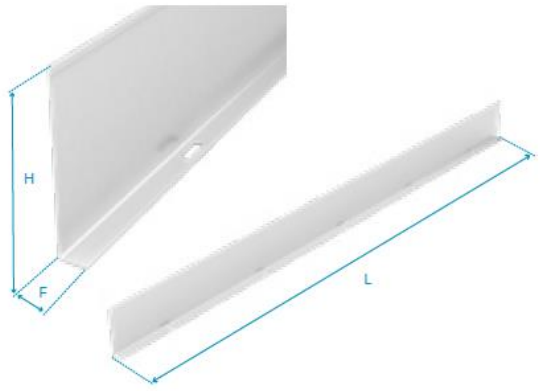
Dividers are supplied with 3 fixing sets per divider:

GA – M6x16 mushroom head bolt c-w plain channel nut.
SS – M6x16 pan head bolt c-w plain channel nut and flat washer

Accessory Type: DIV-SL 1.5



Straight ladder divider as installed on Speedway Straight Cable Ladder



Part Number	System Type	Dimensions (mm)		
		L	H	F
SW4-DIV-SL1.5-O	Speedway SW4	1500	70	20
SW5-DIV-SL1.5-O	Speedway SW5		85	
SW6-DIV-SL1.5-O	Speedway SW6		110	

O = Select a Finish & Material

Finishes & Materials: GA SS GX GW

Supplied with: FIXING SETS x3

Hot Dip Galvanised Dividers are manufactured out of 1.2mm Gauge Material

Protective End Caps

Protective End Caps (PEC) are available for all Speedway profiles.

Manufactured in flexible yellow PVC material as standard, the protective end cap provides a visible and safe means of identifying & covering the open ends of Speedway Cable Ladder and Fittings.

Low smoke-zero halogen finish – contact our Technical Team for details.

Accessory Type: PEC

Protective end caps installed on a Speedway cable ladder

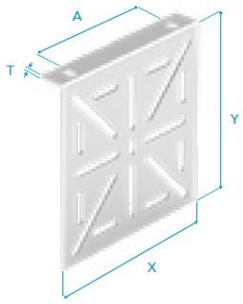
Ordering information	
SW4	On request
SW5	On request
Sw6	8059846

Junction Box Plates

Speedway Junction Box Plates (JBP) provide a versatile means of attaching junction boxes, switches and other equipment directly onto Speedway Cable Ladder and Fittings.

Junction Box Plates are available in five standard sizes to suit all secondary equipment mounting requirements. Junction Box Plates are not supplied with ladder fixings.

Accessory Type: JBP



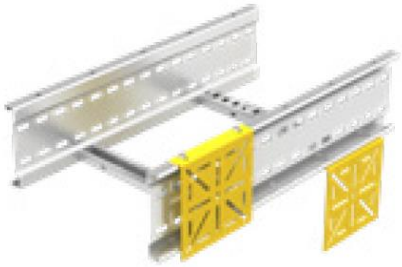
JBP01
Junction Box Plate

JBP02
Junction Box Plate

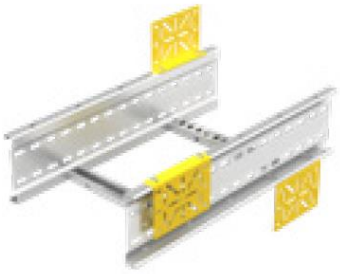
JBP03
Junction Box Plate

JBP04
Junction Box Plate

JBP05
Junction Box Plate



Junction Box Plate JBP01 shown mounted in two possible orientations on Speedway cable ladder



Junction Box Plate JBP05 shown mounted in three possible orientations on Speedway cable ladder

Part Number	Dimensions (mm)				No. of Fixings
	X	Y	A	T	
SW-JBP01-O	160	165	120	2	2
SW-JBP02-O	210	215	120	2	2
SW-JBP03-O	310	315	120	3	3
SW-JBP04-O	65	90	47	2	1
SW-JBP05-O	150	110	120	2	2

O = Select a Finish & Material

Finishes & Materials:

GA SS GX GW

Supplied with:

FIXING SETS x0

HANGERS & BRACKETS

Heavy Duty Cantilever

The Speedway Heavy Duty Cantilever (HDC) provides a specific means of supporting Speedway cable ladder on vertical fixed structures or channel (strut type) uprights. The heavy duty cantilevers are available to suit Speedway SW4, SW5 & SW6 Cable Ladders for all widths up to and including 900mm wide.
Each Heavy Duty Cantilever has fixing slots to accept the Speedway External Flange Clamps (SW-EFC-#), Adaptable Fixing Brackets (SW-AFB-#) and Hold Down Brackets (SW-HDB-#). The slot pattern allows the adaptable fixing bracket to be fitted either internally or externally on the Speedway cable ladder.
The heavy duty cantilever arm back plate has a minimum of two 15mm diameter fixing holes (see table below for details) to accept fixings up to and including M14. The loading table below gives the recommended maximum load for each size of heavy duty cantilever arm for supporting uniformly distributed loads (UDL) such as or for supporting Speedway cable ladder (which should be uniformly loaded to apply two equal point loads onto the cantilever arm).

Speedway Heavy Duty Cantilevers - Safe Working Loads

Part Number	Ladder size	Arm Length mm	Maximum Load kg	
			UDL	Ladder
SW-HDC-150-O	150	300	629	315
SW-HDC-300-O	300	450	419	210
SW-HDC-450-O	450	600	496	248
SW-HDC-600-O	600	750	690	345
SW-HDC-750-O	750	900	871	435
SW-HDC-900-O	900	1050	1045	522

O = Select a Finish & Material

Finishes & Materials:

GA SS GX GW

Heavy Duty Cantilevers with non-standard arm lengths and alternative fixing slot configurations are available – consult our Design Team for further information. Installation dimensions are given in the following table.

Speedway Heavy Duty Cantilevers - Installation Details

Part Number	Ladder Width mm	Maximum Load kg			
		L	No of Holes	A	B
SW-HDC-150-O	150	300	2	70	N/A
SW-HDC-300-O	300	450	2	70	N/A
SW-HDC-450-O	450	600	3	55	40
SW-HDC-600-O	600	750	3	105	40
SW-HDC-750-O	750	900	3	155	40
SW-HDC-900-O	900	1050	3	205	40

O = Select a Finish & Material

Finishes & Materials:

GA SS GX GW

VANTRUNK SPEEDWAY®

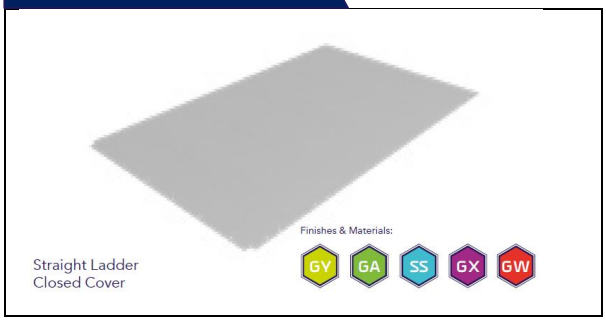
COVERS

Closed Covers

Closed covers fit directly onto the side walls of the Speedway Ladder & fittings to provide mechanical protection and shielding for cables and other equipment within the cable space.

Closed covers of widths of 450mm and above are supplied with Bracing Kits (CBK) (see Bracing Kit Section). Closed Covers are punched with centreline slots to provide for water drainage.

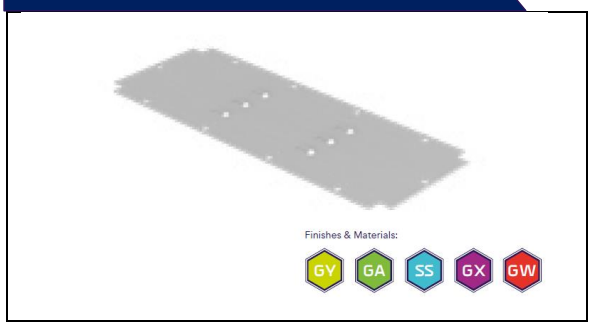
Accessory Type: CC



Fitting to Fitting Cover

When joining two abutting cable ladder fittings with a Fitting to Fitting Coupler (FFC) a 200mm gap is created in the cover span. To ensure complete mechanical and environmental protection of the cables, a Fitting to Fitting Cover is required. Fitting to Fitting Covers will be fixed directly to the adjoining covers and will ensure complete protection of cables within the span.

Accessory Type: CC-FFC or CL-FFC

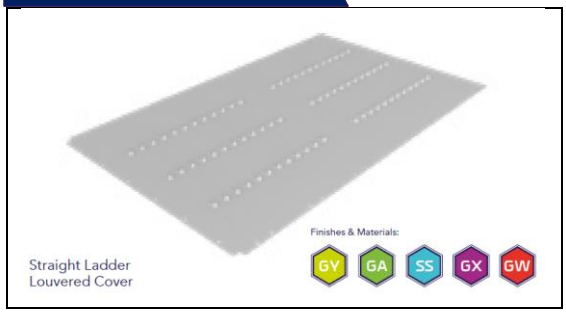


Louvered Covers

Louvered Covers are similar to closed covers but with the addition of louvres for improved air flow through the cable space. Louvered covers are particularly useful where heavy duty power cables are being used. Most traditional cable management systems offer a raised cover for ventilation.

Conventional raised covers have a number of considerations to be taken into account before installing them. First of which is that the cover will be susceptible to being lifted off in excessive winds, also the extra brackets and fixings will add to the installation time of each cover. Raised covers loading performance is far less than the loading performance of a close fitting louvered cover and due to the cover only being supported locally at the fixing point the raised cover is susceptible to sagging which will allow water and debris to build up. Louvered Covers of widths of 450mm and above are supplied with Bracing Kits (CBK) (see Bracing Kit Section).

Accessory Type: CL



Peaked Covers

Peaked Covers are closed covers which are formed into a peak with an overall height of 50mm to shed sand, snow, water etc.

Accessory Type: CP