



FITTINGS

Vantrunk Speedway cable ladder fittings incorporate several features which enhance the systems ease of installation.

All Speedway fittings are manufactured with the Speedlok Integral Coupler, thereby, reducing the number of fixings required to connect the ladder and fitting and in turn reducing the ladder to fitting connection time by 67%. The substantial reduction in the number of fixings and reduction in the number of couplers required helps to reduce top side weight in off-shore facilities.

As in the cable ladder side wall, the cable ladder fitting side wall has an offset central web to enhance stability under load conditions.

All radius sections in the Vantrunk Speedway range of fittings have a repeatable and true radius which eliminates the traditional "make it fit" approach during installation.

All Speedway fittings are pre-drilled to accept an earth bonding jumper at all connection points thereby complying with the IEC, European Norms and NEMA standards requirements.

ACCREDITED TO THE
FOLLOWING STANDARD



LOK DOWN WITH THE INTEGRAL COUPLER



SPEEDLOK INTEGRAL COUPLER FEATURES:

All Speedway fittings are manufactured with the Speedlok Integral Coupler as standard; this represents a major advance in modern cable management design. The Speedlok Integral Couplers reduce:

- The number of fixings required to connect the ladder and fitting, in turn reducing the ladder to fitting connection by 67%.
- And therefore the overall installation time, weight and cost.

For more information on the Speedlok Integral Coupler visit vantrunk.com



VANTRUNK
SPEEDLOK
QUICKFIT CABLE LADDER





FLAT ELBOWS

Speedway Flat Elbows (FE) are designed to create fixed angular coplanar connections between horizontal cable runs (cable ladder installed in horizontal plane) and between vertical cable runs (cable ladder installed in vertical plane).

Speedway Flat Elbows are available in widths from 150mm to 1050mm and angles at 30, 45, 60 and 90 degree as standard. The standard radii are 300mm, 450mm, 600mm 750mm and 900mm. Other widths between 100mm to 1500mm and radii, subject to cable ladder system type, are also available.

The Speedway Flat Elbow is manufactured with a repeatable and true radius which eliminates the traditional approach of 'make it fit' during installation.

All Speedway Flat Elbows are manufactured with a Speedlok Integral Coupler, removing the need for separate couplers in the joining mechanism between cable ladder fittings and straight lengths of ladder. Fittings can be supplied without Integral Coupler if required.

All Flat Elbows will be supplied with all necessary fixings for fixing the elbow to the straight length.

The rungs are orientated with the open face uppermost to suit the use of cleats and similar cable restraint devices. This allows compliance with current recommendations for cable restraint, especially where cables are used which have a high potential fault current level.

WHEN JOINING ONE FITTING TO ANOTHER TO SUIT ON SITE INSTALLATION REQUIREMENTS THE USE OF A FITTING TO FITTING COUPLER (FFC) WILL BE REQUIRED. PLEASE REFER TO PG 73 FOR FURTHER DETAILS

ACCREDITED TO THE
FOLLOWING STANDARD



SPEEDWAY FLAT ELBOWS



The rungs in the Speedway Flat Elbows are located radially at either 0° or at 7 ° incremental angles (or multiples thereof) and are passed to give a maximum linear distance of no more than 465mm between adjacent rungs on adjacent Speedway Cable Ladder and Speedway Cable Ladder Fittings when measured along the outer radius.

The rungs are orientated with the open face uppermost to suit the use of cleats and similar cable restraint devices. This allows compliance with current recommendations for cable restraint, especially where cables are used which have a high potential fault current level.



Speedway 30° Flat Elbow



Speedway 60° Flat Elbow



Speedway 45° Flat Elbow

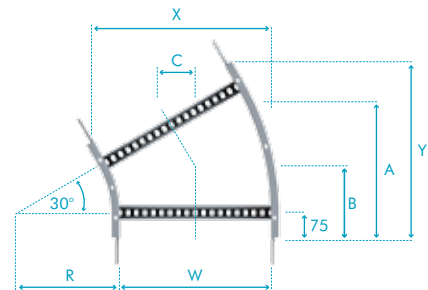


Speedway 90° Flat Elbow

The number of rungs shown in the Speedway Flat Elbows, left, are based on the standard 300mm wide and 300mm radius flat elbows. Refer to the dimensional information tables for the number of rungs for other widths and radii.

Speedway 30° Flat Elbows

Ref.FE30



Part Number	No of Rungs	Dimensions (mm)							Weight (kg)		
		R	W	A	B	C	X	Y	SW4	SW5	SW6
SW△/FE30/150/300/○	2	300	150	327	175	88	266	375	1.76	2.61	3.15
SW△/FE30/300/300/○	2		300	365	196	98	416	450	2.23	3.18	3.86
SW△/FE30/450/300/○	2		450	402	216	108	566	525	2.70	3.74	4.56
SW△/FE30/600/300/○	2		600	440	236	118	716	600	3.83	4.96	6.14
SW△/FE30/750/300/○	2		750	477	256	128	866	675	5.28	6.50	7.06
SW△/FE30/900/300/○	3		900	515	276	138	1016	750	6.08	7.39	7.99
SW△/FE30/1050/300/○	3		1050	552	296	148	1166	825	6.87	8.28	8.91
SW△/FE30/150/600/○	2	600	150	477	256	128	306	525	2.36	3.58	4.25
SW△/FE30/300/600/○	2		300	515	276	138	456	600	2.83	4.14	4.96
SW△/FE30/450/600/○	2		450	552	296	148	606	675	3.79	5.20	6.32
SW△/FE30/600/600/○	3		600	590	316	158	756	750	4.43	5.93	7.24
SW△/FE30/750/600/○	3		750	627	336	168	906	825	5.88	7.47	8.16
SW△/FE30/900/600/○	3		900	665	356	178	1056	900	6.68	8.36	9.09
SW△/FE30/1050/600/○	3		1050	702	376	188	1206	975	7.48	9.25	10.01

△ = Select a Ladder 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 Speedway Technical Section of our catalogue (Page 96).

VANTRUNK
SPEEDLOK
 QUICKFIT CABLE LADDER

Finishes & Materials:



Supplied with:

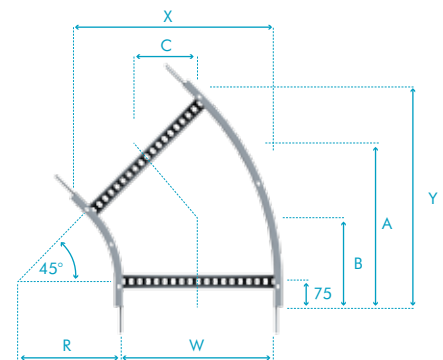


Not Required:



Speedway 45° Flat Elbows

Ref.FE45



Part Number	No of Rungs	Dimensions (mm)							Weight (kg)		
		R	W	A	B	C	X	Y	SW4	SW5	SW6
SW△/FE45/150/300/○	2	300	150	393	230	163	326	460	2.13	3.21	3.84
SW△/FE45/300/300/○	2		300	446	261	185	476	566	2.68	3.90	4.68
SW△/FE45/450/300/○	3		450	499	292	207	626	673	3.72	5.08	6.18
SW△/FE45/600/300/○	3		600	552	324	229	776	779	4.43	5.93	7.24
SW△/FE45/750/300/○	3		750	605	355	251	926	885	5.95	7.59	8.30
SW△/FE45/900/300/○	3		900	658	386	273	1076	991	6.83	8.60	9.36
SW△/FE45/1050/300/○	4		1050	711	417	295	1226	1097	9.22	11.12	11.94
SW△/FE45/150/600/○	3	600	150	605	355	251	413	673	3.20	4.83	5.71
SW△/FE45/300/600/○	3		300	658	386	273	563	779	3.91	5.68	6.77
SW△/FE45/450/600/○	3		450	711	417	295	713	885	4.62	6.53	7.83
SW△/FE45/600/600/○	3		600	764	448	317	863	991	5.33	7.38	8.89
SW△/FE45/750/600/○	4		750	817	479	339	1013	1097	7.94	10.12	11.04
SW△/FE45/900/600/○	4		900	870	510	361	1163	1203	9.03	11.35	12.31
SW△/FE45/1050/600/○	4		1050	924	541	383	1313	1309	10.12	12.58	13.59

△= Select a Ladder Type ○= Select a Finish & Material

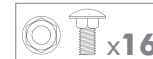
Weights shown are for standard hot dip galvanised finish only, for Stainless Steel and Silicon Rich Steel weight conversion factors please refer to the Speedway Technical Section of our catalogue (Page 96).

VANTRUNK
SPEEDLOK
QUICK-FIT CABLE LADDER

Finishes & Materials:



Supplied with:

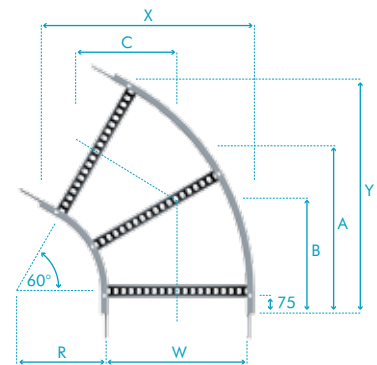


Not Required:



Speedway 60° Flat Elbows

Ref.FE60



Part Number	No of Rungs	Dimensions (mm)							Weight (kg)		
		R	W	A	B	C	X	Y	SW4	SW5	SW6
SW△/FE60/150/300/○	2	300	150	437	292	252	395	520	2.51	3.82	4.53
SW△/FE60/300/300/○	2		300	502	335	290	545	649	3.46	4.95	5.94
SW△/FE60/450/300/○	3		450	567	378	327	695	779	4.24	5.92	7.14
SW△/FE60/600/300/○	3		600	632	421	365	845	909	5.03	6.89	8.34
SW△/FE60/750/300/○	3		750	697	465	402	995	1039	8.79	10.84	11.70
SW△/FE60/900/300/○	5		900	762	508	440	1145	1169	10.18	12.40	13.34
SW△/FE60/1050/300/○	5		1050	827	551	477	1295	1299	11.56	13.97	14.97
SW△/FE60/150/600/○	3	600	150	697	465	402	545	779	3.87	5.92	6.95
SW△/FE60/300/600/○	3		300	762	508	440	695	909	4.66	6.89	8.15
SW△/FE60/450/600/○	3		450	827	551	477	845	1039	6.42	8.83	10.64
SW△/FE60/600/600/○	5		600	892	595	515	995	1169	7.53	10.13	12.28
SW△/FE60/750/600/○	5		750	957	638	552	1145	1299	10.00	12.78	13.91
SW△/FE60/900/600/○	5		900	1022	681	590	1295	1429	11.38	14.34	15.54
SW△/FE60/1050/600/○	5		1050	1087	725	627	1445	1559	12.76	15.91	17.17

△ = Select a Ladder 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 Speedway Technical Section of our catalogue (Page 96).

VANTRUNK
SPEEDLOK
 QUICKFIT CABLE LADDER

Finishes & Materials:



Supplied with:

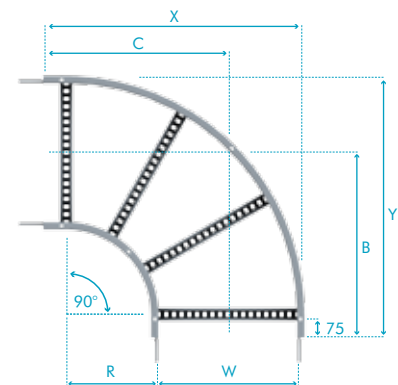


Not Required:



Speedway 90° Flat Elbows

Ref.FE90



Part Number	No of Rungs	Dimensions (mm)						Weight (kg)		
		R	W	B	C	X	Y	SW4	SW5	SW6
SW△/FE90/150/300/○	2	300	150	450	450	545	545	3.42	5.19	6.12
SW△/FE90/300/300/○	3		300	525	525	695	695	4.36	6.41	7.60
SW△/FE90/450/300/○	4		450	600	600	845	845	5.78	8.10	9.72
SW△/FE90/600/300/○	4		600	675	675	995	995	6.89	9.48	11.41
SW△/FE90/750/300/○	5		750	750	750	1145	1145	10.15	13.02	14.18
SW△/FE90/900/300/○	5		900	825	825	1295	1295	11.68	14.83	16.09
SW△/FE90/1050/300/○	7		1050	900	900	1445	1445	16.24	19.66	21.03
SW△/FE90/150/600/○	4	600	150	750	750	845	845	5.39	8.26	9.64
SW△/FE90/300/600/○	4		300	825	825	995	995	6.49	9.64	11.34
SW△/FE90/450/600/○	5		450	900	900	1145	1145	8.08	11.50	13.68
SW△/FE90/600/600/○	5		600	975	975	1295	1295	9.34	13.03	15.58
SW△/FE90/750/600/○	7		750	1050	1050	1445	1445	14.12	18.09	19.65
SW△/FE90/900/600/○	7		900	1125	1125	1595	1595	16.08	20.33	21.99
SW△/FE90/1050/600/○	7		1050	1200	1200	1745	1745	18.05	22.57	24.33

△= Select a Ladder Type ○= Select a Finish & Material

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VANTRUNK
SPEEDLOK
QUICKFIT CABLE LADDER

Finishes & Materials:



Supplied with:



Not Required:





INSIDE & OUTSIDE RISERS

Speedway Inside Risers (IR) and Outside Risers (OR) are designed to create fixed angular non-coplanar connections between cable runs and can be used in both vertical and horizontal orientations.

Speedway Inside Risers (or vertical inside bends) create internal changes in direction; outside risers (or vertical outside bends) create external changes in direction.

Speedway Risers are available in widths from 150mm to 1050mm as standard. Speedway Risers are available with angles of 30°, 45°, 60° & 90° and in standard radii of 300mm, 450mm, 600mm, 750mm, 900mm, 1050mm & 1200mm. Other widths between 100mm to 1500mm and radii, subject to cable ladder type, are also available.

All Speedway Inside and Outside Risers are manufactured with a Speedlok Integral Coupler, removing the need for separate couplers in the joining mechanism between cable ladder fittings and straight lengths of ladder. All Speedway risers will be supplied with all necessary fixings.

The rungs are located at the intersection of adjacent facets and are orientated with the open face uppermost to suit the use of cleats and similar cable restraint devices. This allows compliance with current recommendations for cable restraint, especially where cables are used which have a high potential fault current level.

WHEN JOINING ONE FITTING TO ANOTHER TO SUIT ON SITE INSTALLATION REQUIREMENTS THE USE OF A FITTING TO FITTING COUPLER (FFC) WILL BE REQUIRED. PLEASE REFER TO PG 73 FOR FURTHER DETAILS

ACCREDITED TO THE
FOLLOWING STANDARD



SW4 / IR30 / 150 / 300 / CY
System Type Fitting Type Width Radius Finish

Speedway 30° Inside & Outside Risers

Ref.IR / OR / 30

Part Number	No. of Rungs	Dimensions (mm)					Weight (kg)
		Radius R mm	W	W1	X	Y	
SW4/IR30/150/300/○	1	300	150	190	145	203	1.00
SW4/IR30/300/300/○			300	340	145	203	1.16
SW4/IR30/450/300/○			450	490	145	203	1.32
SW4/IR30/600/300/○			600	640	145	203	1.49
SW4/IR30/750/300/○			750	790	145	203	1.92
SW4/IR30/900/300/○			900	940	145	203	2.14
SW4/IR30/1050/300/○			1050	1090	145	203	2.35
SW4/IR30/150/600/○	2	600	150	190	185	353	1.73
SW4/IR30/300/600/○			300	340	185	353	2.06
SW4/IR30/450/600/○			450	490	185	353	2.38
SW4/IR30/600/600/○			600	640	185	353	2.71
SW4/IR30/750/600/○			750	790	185	353	3.57
SW4/IR30/900/600/○			900	940	185	353	4.01
SW4/IR30/1050/600/○			1050	1090	185	353	4.44
Part Number	No. of Rungs	Radius R mm	Dimensions (mm)				Weight (kg)
			W	W1	X	Y	
SW5/IR30/150/300/○	1	300	150	200	165	213	1.52
SW5/IR30/300/300/○			300	350	165	213	1.68
SW5/IR30/450/300/○			450	500	165	213	1.85
SW5/IR30/600/300/○			600	650	165	213	2.01
SW5/IR30/750/300/○			750	800	165	213	2.44
SW5/IR30/900/300/○			900	950	165	213	2.66
SW5/IR30/1050/300/○			1050	1100	165	213	2.87
SW5/IR30/150/600/○	2	600	150	200	205	363	2.62
SW5/IR30/300/600/○			300	350	205	363	2.94
SW5/IR30/450/600/○			450	500	205	363	3.27
SW5/IR30/600/600/○			600	650	205	363	3.59
SW5/IR30/750/600/○			750	800	205	363	4.46
SW5/IR30/900/600/○			900	950	205	363	4.89
SW5/IR30/1050/600/○			1050	1100	205	363	5.32
Part Number	No. of Rungs	Radius R mm	Dimensions (mm)				Weight (kg)
			W	W1	X	Y	
SW6/IR30/150/300/○	1	300	150	200	190	225	1.92
SW6/IR30/300/300/○			300	350	190	225	2.13
SW6/IR30/450/300/○			450	500	190	225	2.35
SW6/IR30/600/300/○			600	650	190	225	2.56
SW6/IR30/750/300/○			750	800	190	225	2.78
SW6/IR30/900/300/○			900	950	190	225	3.00
SW6/IR30/1050/300/○			1050	1100	190	225	3.21
SW6/IR30/150/600/○	2	600	150	200	230	375	3.17
SW6/IR30/300/600/○			300	350	230	375	3.61
SW6/IR30/450/600/○			450	500	230	375	4.04
SW6/IR30/600/600/○			600	650	230	375	4.47
SW6/IR30/750/600/○			750	800	230	375	4.90
SW6/IR30/900/600/○			900	950	230	375	5.34
SW6/IR30/1050/600/○			1050	1100	230	375	5.77

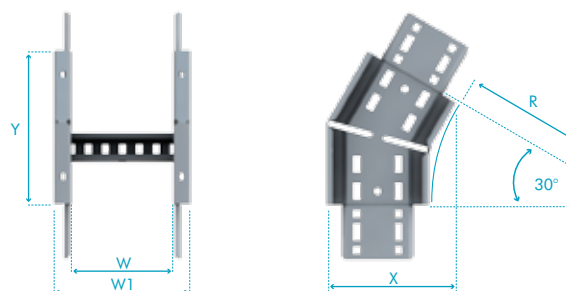
○ = Select a Finish & Material



Speedway 30° Inside Riser



Speedway 30° Outside Riser



Finishes & Materials:



Supplied with:



Not Required:



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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 Speedway Technical Section of our catalogue (Page 96).

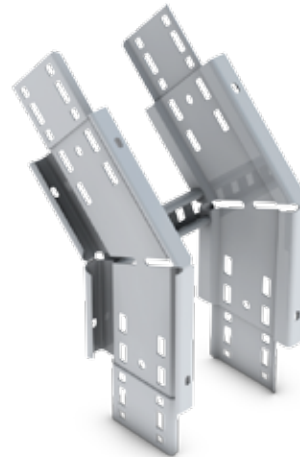
Speedway 45° Inside & Outside Risers

Ref. IR / OR / 45

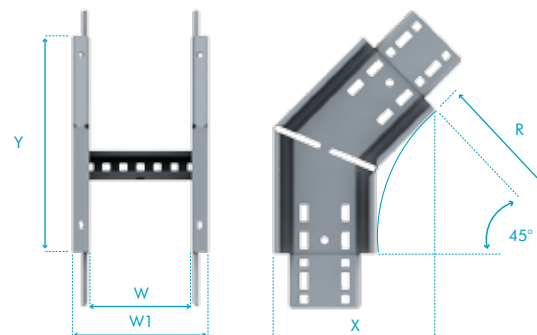
Part Number	No. of Rungs	Dimensions (mm)					Weight (kg)
		Radius R mm	W	W1	X	Y	
SW4/IR45/150/300/○	1	300	150	190	193	286	1.33
SW4/IR45/300/300/○			300	340	193	286	1.50
SW4/IR45/450/300/○			450	490	193	286	1.66
SW4/IR45/600/300/○			600	640	193	286	1.82
SW4/IR45/750/300/○			750	790	193	286	2.25
SW4/IR45/900/300/○			900	940	193	286	2.47
SW4/IR45/1050/300/○			1050	1090	193	286	2.69
SW4/IR45/150/600/○	2	600	150	190	281	499	2.41
SW4/IR45/300/600/○			300	340	281	499	2.73
SW4/IR45/450/600/○			450	490	281	499	3.06
SW4/IR45/600/600/○			600	640	281	499	3.38
SW4/IR45/750/600/○			750	790	281	499	4.25
SW4/IR45/900/600/○			900	940	281	499	4.68
SW4/IR45/1050/600/○			1050	1090	281	499	5.11
Part Number	No. of Rungs	Dimensions (mm)					Weight (kg)
		Radius R mm	W	W1	X	Y	
SW5/IR45/150/300/○	1	300	150	200	213	301	2.53
SW5/IR45/300/300/○			300	350	213	301	2.85
SW5/IR45/450/300/○			450	500	213	301	3.18
SW5/IR45/600/300/○			600	650	213	301	3.50
SW5/IR45/750/300/○			750	794	213	301	4.37
SW5/IR45/900/300/○			900	950	213	301	4.80
SW5/IR45/1050/300/○			1050	1094	213	301	5.23
SW5/IR45/150/600/○	2	600	150	200	301	513	4.20
SW5/IR45/300/600/○			300	350	301	513	4.53
SW5/IR45/450/600/○			450	500	301	513	4.85
SW5/IR45/600/600/○			600	650	301	513	5.18
SW5/IR45/750/600/○			750	794	301	513	6.04
SW5/IR45/900/600/○			900	950	301	513	6.48
SW5/IR45/1050/600/○			1050	1094	301	513	6.91
Part Number	No. of Rungs	Dimensions (mm)					Weight (kg)
		Radius R mm	W	W1	X	Y	
SW6/IR45/150/300/○	1	300	150	200	238	318	2.79
SW6/IR45/300/300/○			300	350	238	318	3.22
SW6/IR45/450/300/○			450	500	238	318	3.66
SW6/IR45/600/300/○			600	650	238	318	4.09
SW6/IR45/750/300/○			750	794	238	318	4.52
SW6/IR45/900/300/○			900	950	238	318	4.95
SW6/IR45/1050/300/○			1050	1094	238	318	5.39
SW6/IR45/150/600/○	2	600	150	200	326	530	4.47
SW6/IR45/300/600/○			300	350	326	530	4.90
SW6/IR45/450/600/○			450	500	326	530	5.33
SW6/IR45/600/600/○			600	650	326	530	5.76
SW6/IR45/750/600/○			750	794	326	530	6.20
SW6/IR45/900/600/○			900	950	326	530	6.63
SW6/IR45/1050/600/○			1050	1094	326	530	7.06



Speedway 45° Inside Riser



Speedway 45° Outside Riser



Finishes & Materials:



Supplied with:



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 Speedway Technical Section of our catalogue (Page 96).

48 ○ = Select a Finish & Material

Speedway 60° Inside & Outside Risers

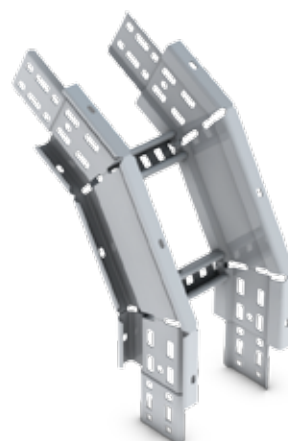
Ref.IR / OR / 60

Part Number	No. of Rungs	Dimensions (mm)					Weight (kg)
		Radius R mm	W	W1	X	Y	
SW4/IR60/150/300/○	2	300	150	190	255	351	1.87
SW4/IR60/300/300/○			300	340	255	351	2.20
SW4/IR60/450/300/○			450	490	255	351	2.52
SW4/IR60/600/300/○			600	640	255	351	2.85
SW4/IR60/750/300/○			750	790	255	351	3.71
SW4/IR60/900/300/○			900	940	255	351	4.14
SW4/IR60/1050/300/○			1050	1090	255	351	4.58
SW4/IR60/150/600/○	3	600	150	190	405	611	3.21
SW4/IR60/300/600/○			300	340	405	611	3.70
SW4/IR60/450/600/○			450	490	405	611	4.19
SW4/IR60/600/600/○			600	640	405	611	4.67
SW4/IR60/750/600/○			750	790	405	611	5.97
SW4/IR60/900/600/○			900	940	405	611	6.62
SW4/IR60/1050/600/○			1050	1090	405	611	7.27
Part Number	No. of Rungs	Radius R mm	W	W1	X	Y	Weight (kg)
SW5/IR60/150/300/○	2	300	150	200	275	368	2.97
SW5/IR60/300/300/○			300	350	275	368	3.29
SW5/IR60/450/300/○			450	500	275	368	3.62
SW5/IR60/600/300/○			600	650	275	368	3.94
SW5/IR60/750/300/○			750	800	275	368	4.80
SW5/IR60/900/300/○			900	950	275	368	5.24
SW5/IR60/1050/300/○			1050	1100	275	368	5.67
SW5/IR60/150/600/○	3	600	150	200	425	628	4.93
SW5/IR60/300/600/○			300	350	425	628	5.42
SW5/IR60/450/600/○			450	500	425	628	5.90
SW5/IR60/600/600/○			600	650	425	628	6.39
SW5/IR60/750/600/○			750	800	425	628	7.69
SW5/IR60/900/600/○			900	950	425	628	8.34
SW5/IR60/1050/600/○			1050	1100	425	628	8.98
Part Number	No. of Rungs	Radius R mm	W	W1	X	Y	Weight (kg)
SW6/IR60/150/300/○	2	300	150	200	300	390	3.51
SW6/IR60/300/300/○			300	350	300	390	3.95
SW6/IR60/450/300/○			450	500	300	390	4.38
SW6/IR60/600/300/○			600	650	300	390	4.81
SW6/IR60/750/300/○			750	800	300	390	5.24
SW6/IR60/900/300/○			900	950	300	390	5.68
SW6/IR60/1050/300/○			1050	1100	300	390	6.11
SW6/IR60/150/600/○	3	600	150	200	450	650	5.88
SW6/IR60/300/600/○			300	350	450	650	6.52
SW6/IR60/450/600/○			450	500	450	650	7.17
SW6/IR60/600/600/○			600	650	450	650	7.82
SW6/IR60/750/600/○			750	800	450	650	8.47
SW6/IR60/900/600/○			900	950	450	650	9.12
SW6/IR60/1050/600/○			1050	1100	450	650	9.77

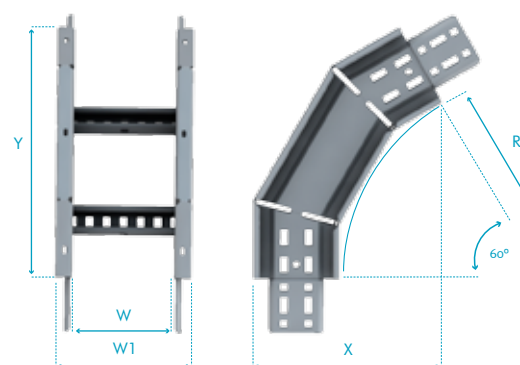
○ = Select a Finish & Material



Speedway 60° Inside Riser



Speedway 60° Outside Riser



Finishes & Materials:



Supplied with:



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 Speedway Technical Section of our catalogue (Page 96).

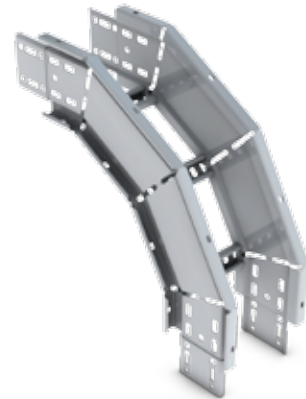
Speedway 90° Inside & Outside Risers

Ref. IR / OR / 90

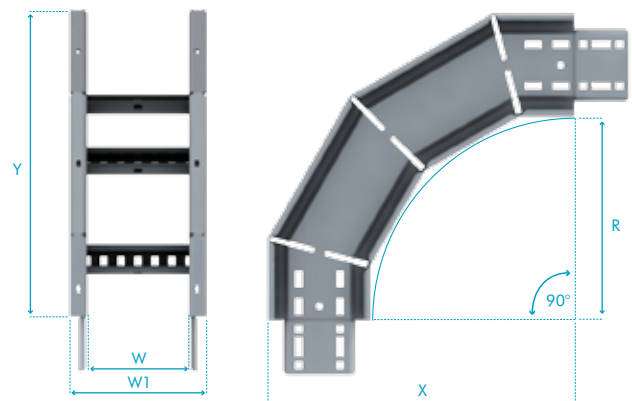
Part Number	No. of Rungs	Dimensions (mm)					Weight (kg)
		Radius R mm	W	W1	X	Y	
SW4/IR90/150/300/○	3	300	150	190	405	405	2.75
SW4/IR90/300/300/○			300	340	405	405	3.23
SW4/IR90/450/300/○			450	490	405	405	3.72
SW4/IR90/600/300/○			600	640	405	405	4.21
SW4/IR90/750/300/○			750	790	405	405	5.50
SW4/IR90/900/300/○			900	940	405	405	6.15
SW4/IR90/1050/300/○			1050	1090	405	405	6.80
SW4/IR90/150/600/○	4	600	150	190	705	705	4.69
SW4/IR90/300/600/○			300	340	705	705	5.34
SW4/IR90/450/600/○			450	490	705	705	5.99
SW4/IR90/600/600/○			600	640	705	705	6.64
SW4/IR90/750/600/○			750	790	705	705	8.37
SW4/IR90/900/600/○			900	940	705	705	9.23
SW4/IR90/1050/600/○			1050	1090	705	705	10.1
Part Number	No. of Rungs	Dimensions (mm)					Weight (kg)
		Radius R mm	W	W1	X	Y	
SW5/IR90/150/300/○	3	300	150	200	425	425	4.20
SW5/IR90/300/300/○			300	350	425	425	4.69
SW5/IR90/450/300/○			450	500	425	425	5.18
SW5/IR90/600/300/○			600	650	425	425	5.66
SW5/IR90/750/300/○			750	800	425	425	6.96
SW5/IR90/900/300/○			900	950	425	425	7.61
SW5/IR90/1050/300/○			1050	1100	425	425	8.26
SW5/IR90/150/600/○	4	600	150	200	725	725	7.25
SW5/IR90/300/600/○			300	350	725	725	7.90
SW5/IR90/450/600/○			450	500	725	725	8.54
SW5/IR90/600/600/○			600	650	725	725	9.19
SW5/IR90/750/600/○			750	800	725	725	10.92
SW5/IR90/900/600/○			900	950	725	725	11.79
SW5/IR90/1050/600/○			1050	1100	725	725	12.65
Part Number	No. of Rungs	Dimensions (mm)					Weight (kg)
		Radius R mm	W	W1	X	Y	
SW6/IR90/150/300/○	3	300	150	200	450	450	5.11
SW6/IR90/300/300/○			300	350	450	450	5.76
SW6/IR90/450/300/○			450	500	450	450	6.41
SW6/IR90/600/300/○			600	650	450	450	7.06
SW6/IR90/750/300/○			750	800	450	450	7.71
SW6/IR90/900/300/○			900	950	450	450	8.36
SW6/IR90/1050/300/○			1050	1100	450	450	9.01
SW6/IR90/150/600/○	4	600	150	200	750	750	8.62
SW6/IR90/300/600/○			300	350	750	750	9.48
SW6/IR90/450/600/○			450	500	750	750	10.35
SW6/IR90/600/600/○			600	650	750	750	11.21
SW6/IR90/750/600/○			750	800	750	750	12.08
SW6/IR90/900/600/○			900	950	750	750	12.94
SW6/IR90/1050/600/○			1050	1100	750	750	13.81



Speedway 90° Inside Riser



Speedway 90° Outside Riser



Finishes & Materials:



Supplied with:



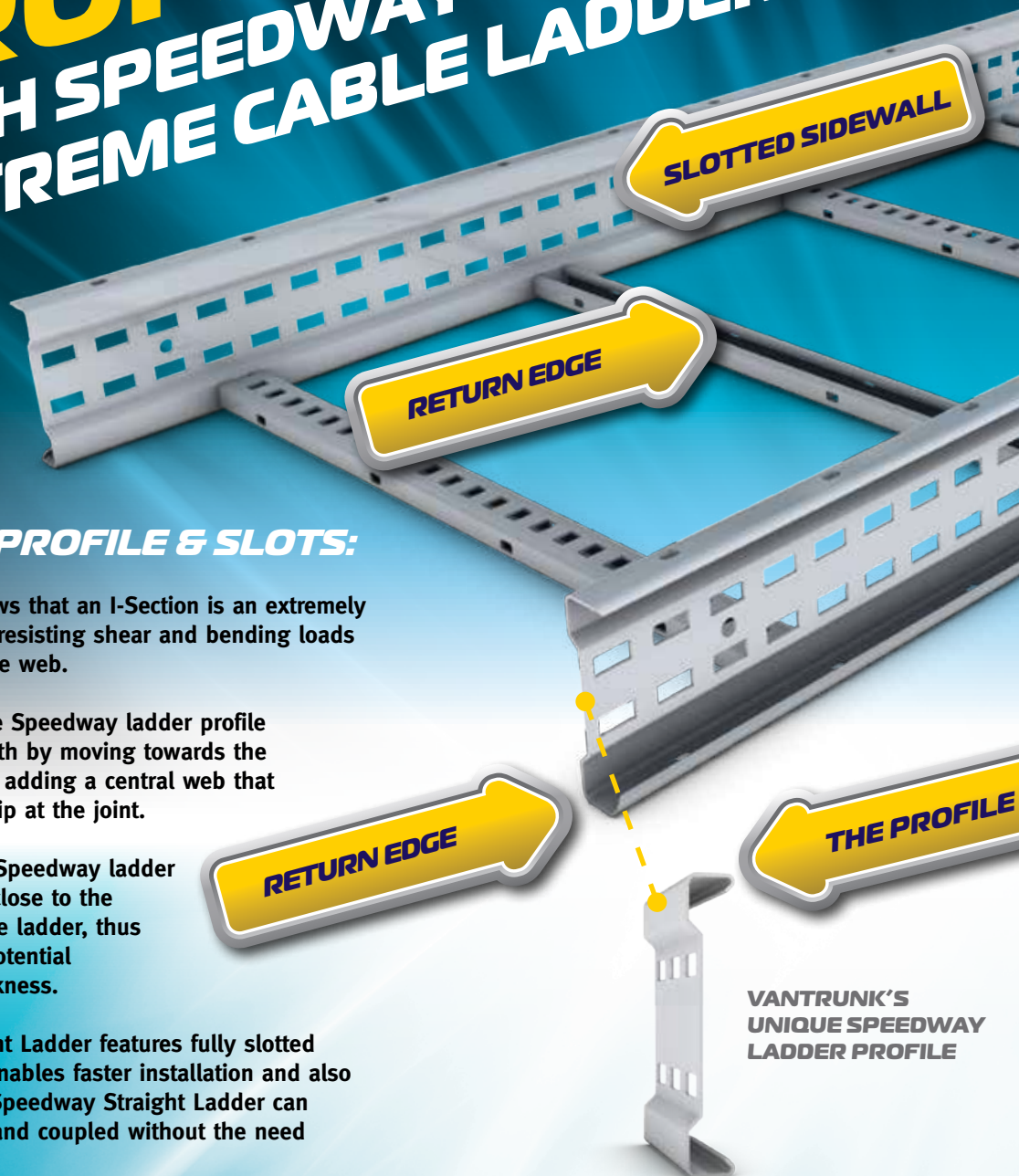
Not Required:



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 Speedway Technical Section of our catalogue (Page 96).

UPDATE YOUR PROFILE WITH SPEEDWAY EXTREME CABLE LADDER



LADDER PROFILE & SLOTS:

- Beam theory shows that an I-Section is an extremely efficient form for resisting shear and bending loads in the plane of the web.
- Vantrunk's unique Speedway ladder profile maximizes strength by moving towards the I-Beam profile by adding a central web that also minimises slip at the joint.
- The slots on the Speedway ladder side are located close to the centre point of the ladder, thus eliminating the potential for localized weakness.
- Speedway Straight Ladder features fully slotted stringers which enables faster installation and also reduces weight. Speedway Straight Ladder can be cut to length and coupled without the need for drilling.
- The Speedway Cable Ladder features a returned profile edge which prevents damage to cables and installers.

For more information on the
Speedway Extreme Cable Ladder
visit vantrunk.com



VANTRUNK
SPEEDWAY®
EXTREME CABLE LADDER



ARTICULATED RISERS

Speedway Articulated Risers (AR) are designed to create adjustable angular non-coplanar connections between Speedway Cable runs and can be used in both vertical and horizontal orientations.

Speedway Articulated Risers consist of pre-assembled units, each comprising of end connectors and one or more middle sections which can be adjusted on site to suit specific installation requirements.

The articulated riser has a number of advantages over fixed risers:

- universal application – there is no requirement to select both inside and outside risers.
- any number of middle sections can be added to achieve very large radii and allow strong support along an undulating cable route.
- the pattern of fixing holes allows for infinite angle and radius adjustment.
- can be used to form a bridge, an 'S' bend, or an offset to suit installation routing challenges on site.
- the end connectors are vertical adjustable couplers and, by using the easi-bend slots, can be adjusted on site to create combined horizontal & vertical offset connections, or combined riser/tee connections onto the side wall of a main cable ladder run.

Speedway Articulated Risers are available in widths from 150mm to 1050mm as standard. Other widths between 100mm to 1500mm are also available subject to cable ladder type.

Intended to be locked into place after installation, the Speedway Articulated Riser is not designed to allow for relative movement between adjacent cable runs.

WHEN JOINING ONE FITTING TO ANOTHER TO SUIT ON SITE INSTALLATION REQUIREMENTS THE USE OF A FITTING TO FITTING COUPLER (FFC) WILL BE REQUIRED. PLEASE REFER TO PG 73 FOR FURTHER DETAILS



SW45 / AR2 / 300 / GA
System Type Fitting Type Ladder Width Finish

**** Articulated risers for Speedway SW4 & SW5 are common. Use reference code: SW45**

Articulated Risers

Ref.AR (See table)

The following table shows the combination of angle and radius which can be formed for a number of differing middle sections. The radius for both the inside and outside articulated riser is measured relative to the rung position.

Angle & Section Details

DIA: A	Part Number	Angle	No. of Sections	Radius R mm			
				Inside Articulated Risers		Outside Articulated Risers	
				SW4 & SW5	SW6	SW4 & SW5	SW6
	SWΔ/AR1/□/○	30	1	1148	1160	1070	1058
	SWΔ/AR2/□/○		2	1718	1731	1640	1628
	SWΔ/AR3/□/○		3	2327	2340	2250	2237
	SWΔ/AR1/□/○	45	1	781	793	737	724
	SWΔ/AR2/□/○		2	1163	1176	1122	1109
	SWΔ/AR3/□/○		3	1562	1574	1484	1472
	SWΔ/AR4/□/○		4	1945	1957	1867	1855
	SWΔ/AR1/□/○	60	1	592	605	514	502
	SWΔ/AR2/□/○		2	882	894	804	791
	SWΔ/AR3/□/○		3	1178	1191	1100	1088
	SWΔ/AR4/□/○		4	1466	1479	1388	1376
	SWΔ/AR5/□/○		5	1753	1766	1676	1663
	SWΔ/AR6/□/○		6	2041	2053	1963	1950
	SWΔ/AR1/□/○	90	1	399	411	330	318
	SWΔ/AR2/□/○		2	596	608	527	515
	SWΔ/AR3/□/○		3	793	806	715	703
	SWΔ/AR4/□/○		4	986	998	908	896
	SWΔ/AR5/□/○		5	1178	1191	1100	1088
	SWΔ/AR6/□/○		6	1370	1383	1292	1280
	SWΔ/AR7/□/○		7	1562	1574	1484	1472
	SWΔ/AR8/□/○		8	1753	1766	1676	1663

Δ= Select a Ladder Type □ = Select a Ladder Width ○= Select a Finish & Material

Bridge Dimensions

When using the Speedway Articulated Riser as a bridge the following dimensions should be used as a guide.

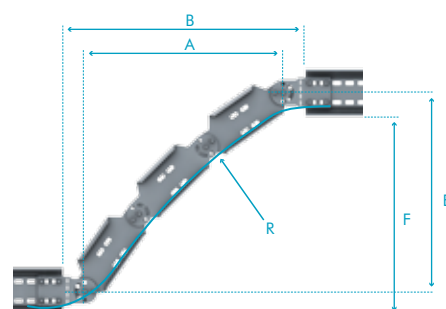
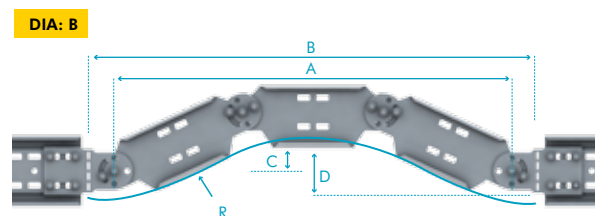
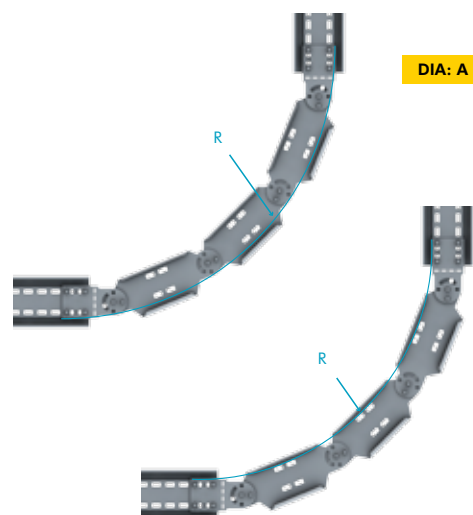
DIA: B	Part Number	Radius R (mm)	No. of Sections	A (mm)	B (mm)	C (mm)	D (mm)	
							SW4/5	SW6
	SWΔ/AR3/□/○	300	3	715	855	165	204	216
	SWΔ/AR3/□/○	450	3	801	941	113	152	164
	SWΔ/AR4/□/○		4	961	1101	242	251	293
	SWΔ/AR3/□/○	600	3	840	980	80	118	131

Vertical Offset Dimensions

The following table gives the maximum horizontal and vertical offsets which can be achieved for articulated risers with 1 to 4 sections whilst maintaining a radius of 300mm relative to the rung position.

DIA: C	Part Number	Radius R (mm)	No. of Sections	A (mm)	B (mm)	E (mm)	F (mm)	
							SW4/5	SW6
	SWΔ/AR1/□/○	300	1	216	356	208	183	208
	SWΔ/AR2/□/○		2	399	539	441	416	441
	SWΔ/AR3/□/○		3	600	740	663	638	663
	SWΔ/AR4/□/○		4	823	963	865	840	865

Δ= Select a Ladder Type □ = Select a Ladder Width ○= Select a Finish & Material



Finishes & Materials:



Consult our Technical Team for further offset dimensional information and guidance in the selection of the correct number of middle sections.



EQUAL & UNEQUAL TEES

Speedway Equal Tees (ET) and Unequal Tees (UT) are designed to create perpendicular coplanar connections between horizontal cable runs (ladder installed in horizontal plane) and between vertical cable runs (ladder installed in vertical plane).

Speedway Tees are available in widths from 150mm to 1050mm as standard. Speedway tees are available with standard radii of 300mm, 450mm, 600mm, 750mm, 900mm, 1050mm & 1200mm. Other widths between 100mm to 1500mm and radii, subject to cable ladder type, are also available.

The Speedway Tee radial side walls are manufactured with a repeatable and true radius which eliminates the traditional approach of 'make it fit' during installation.

All Speedway Tees are now manufactured with a Speedlok Integral Coupler, removing the need for separate couplers in the joining mechanism between cable ladder fittings and straight lengths of ladder. All Speedway Tees will be supplied with all necessary fixings.

The rungs in the Speedway Tees are spaced to give a maximum linear distance of no more than 465mm between adjacent rungs/rungs on adjacent ladder and fittings. The rungs are orientated with the open face uppermost to suit the use of cleats and similar cable restraint devices. This allows compliance with current recommendations for cable restraint, especially where cables are used which have a high potential fault current level.

Tees have a primary or main width (Wm) and a secondary or branch width (Wb). Tees with the same primary and secondary widths are called equal tees. Tees with differing main and branch widths are called unequal tees.

WHEN JOINING ONE FITTING TO ANOTHER TO SUIT ON SITE INSTALLATION REQUIREMENTS THE USE OF A FITTING TO FITTING COUPLER (FFC) WILL BE REQUIRED. PLEASE REFER TO PG 73 FOR FURTHER DETAILS

ACCREDITED TO THE
FOLLOWING STANDARD



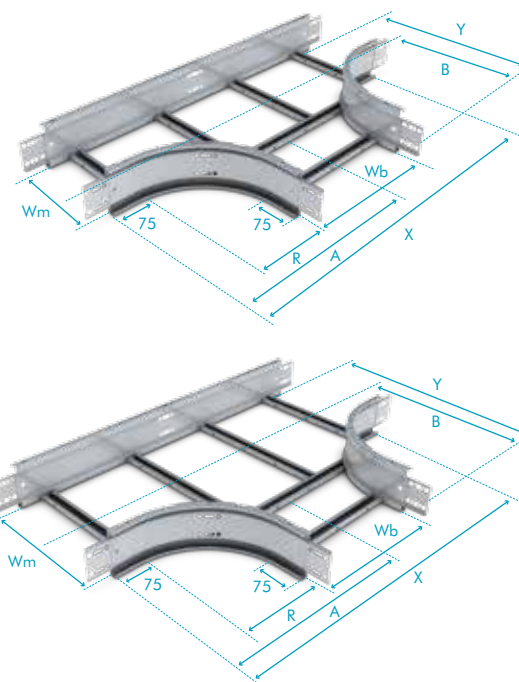
Speedway 300mm Radius Tees

Ref.UT (Unequal Tee)

Ref.ET (Equal Tee)

Part Number	Type	Dimensions (mm)							Weight (kg)		
		R	Wm	Wb	A	B	X	Y	SW4	SW5	SW6
SWΔ/ET/150/300/○	150mm Branch	300	150	150	450	450	900	550	5.41	7.97	9.44
SWΔ/UT/300/150/300/○			300	150	450	525	900	700	5.90	8.45	10.09
SWΔ/UT/450/150/300/○			450	150	450	600	900	850	6.39	8.94	10.74
SWΔ/UT/600/150/300/○			600	150	450	675	900	1000	6.87	9.43	11.39
SWΔ/UT/750/150/300/○			750	150	450	750	900	1150	8.38	10.93	12.04
SWΔ/UT/900/150/300/○			900	150	450	825	900	1300	9.03	11.58	12.69
SWΔ/UT/1050/150/300/○			1050	150	450	900	900	1450	9.68	12.23	13.34
SWΔ/UT/150/300/300/○	300mm Branch	300	150	300	525	450	1050	550	6.03	8.75	10.40
SWΔ/ET/300/300/○			300	300	525	525	1050	700	6.51	9.24	11.05
SWΔ/UT/450/300/300/○			450	300	525	600	1050	850	7.00	9.73	11.70
SWΔ/UT/600/300/300/○			600	300	525	675	1050	1000	7.49	10.21	12.35
SWΔ/UT/750/300/300/○			750	300	525	750	1050	1150	9.10	11.83	13.00
SWΔ/UT/900/300/300/○			900	300	525	825	1050	1300	9.75	12.48	13.65
SWΔ/UT/1050/300/300/○			1050	300	525	900	1050	1450	10.40	13.13	14.30
SWΔ/UT/150/450/300/○	450mm Branch	300	150	450	600	450	1200	550	6.87	9.77	11.67
SWΔ/UT/300/450/300/○			300	450	600	525	1200	700	7.52	10.42	12.54
SWΔ/ET/450/300/○			450	450	600	600	1200	850	8.17	11.07	13.40
SWΔ/UT/600/450/300/○			600	450	600	675	1200	1000	8.82	11.72	14.27
SWΔ/UT/750/450/300/○			750	450	600	750	1200	1150	11.00	13.90	15.13
SWΔ/UT/900/450/300/○			900	450	600	825	1200	1300	11.86	14.77	16.00
SWΔ/UT/1050/450/300/○			1050	450	600	900	1200	1450	12.73	15.63	16.86
SWΔ/UT/150/600/300/○	600mm Branch	300	150	600	675	450	1350	550	7.48	10.56	12.63
SWΔ/UT/300/600/300/○			300	600	675	525	1350	700	8.13	11.21	13.50
SWΔ/UT/450/600/300/○			450	600	675	600	1350	850	8.78	11.86	14.36
SWΔ/ET/600/300/○			600	600	675	675	1350	1000	9.43	12.51	15.23
SWΔ/UT/750/600/300/○			750	600	675	750	1350	1150	11.72	14.80	16.09
SWΔ/UT/900/600/300/○			900	600	675	825	1350	1300	12.58	15.66	16.96
SWΔ/UT/1050/600/300/○			1050	600	675	900	1350	1450	13.45	16.53	17.82
SWΔ/UT/150/750/300/○	750mm Branch	300	150	750	750	450	1500	550	8.98	12.23	13.59
SWΔ/UT/300/750/300/○			300	750	750	525	1500	700	9.84	13.10	14.46
SWΔ/UT/450/750/300/○			450	750	750	600	1500	850	10.71	13.96	15.32
SWΔ/UT/600/750/300/○			600	750	750	675	1500	1000	11.57	14.83	16.19
SWΔ/ET/750/300/○			750	750	750	750	1500	1150	12.44	15.69	17.05
SWΔ/UT/900/750/300/○			900	750	750	825	1500	1300	13.30	16.56	17.92
SWΔ/UT/1050/750/300/○			1050	750	750	900	1500	1450	14.17	17.42	18.78
SWΔ/UT/150/900/300/○	900mm Branch	300	150	900	825	450	1650	550	10.01	13.44	14.86
SWΔ/UT/300/900/300/○			300	900	825	525	1650	700	11.09	14.52	15.94
SWΔ/UT/450/900/300/○			450	900	825	600	1650	850	12.17	15.60	17.03
SWΔ/UT/600/900/300/○			600	900	825	675	1650	1000	13.26	16.68	18.11
SWΔ/UT/750/900/300/○			750	900	825	750	1650	1150	14.34	17.76	19.19
SWΔ/ET/900/300/○			900	900	825	825	1650	1300	15.42	18.84	20.27
SWΔ/UT/1050/900/300/○			1050	900	825	900	1650	1450	16.50	19.93	21.35
SWΔ/UT/150/1050/300/○	1050mm Branch	300	150	1050	900	450	1800	550	10.73	14.33	15.82
SWΔ/UT/300/1050/300/○			300	1050	900	525	1800	700	11.81	15.41	16.90
SWΔ/UT/450/1050/300/○			450	1050	900	600	1800	850	12.89	16.50	17.99
SWΔ/UT/600/1050/300/○			600	1050	900	675	1800	1000	13.98	17.58	19.07
SWΔ/UT/750/1050/300/○			750	1050	900	750	1800	1150	15.06	18.66	20.15
SWΔ/UT/900/1050/300/○			900	1050	900	825	1800	1300	16.14	19.74	21.23
SWΔ/ET/1050/300/○			1050	1050	900	900	1800	1450	17.22	20.82	22.31

△ = Select a Ladder Type ○ = Select a Finish & Material



VANTRUNK
SPEEDLOK
QUICKFIT CABLE LADDER

Finishes & Materials:



Supplied with:



Not Required:



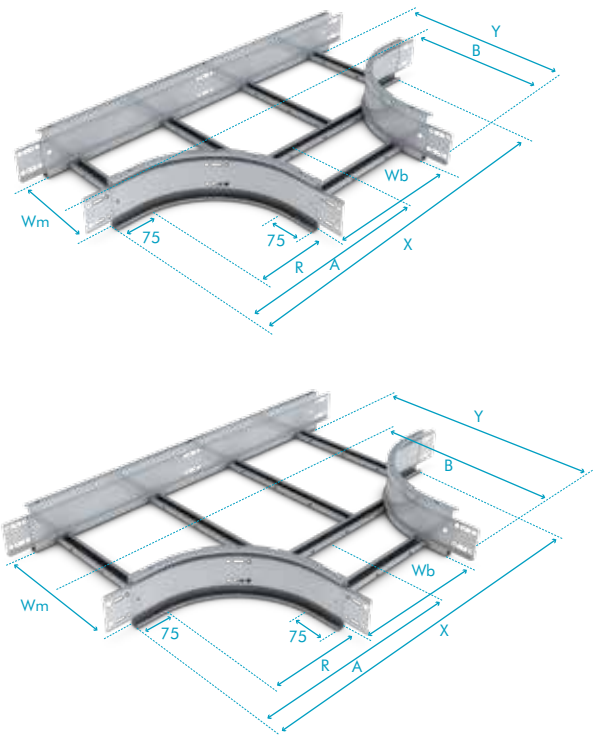
Weights shown are for standard hot dip galvanised finish only, for Stainless Steel and Silicon Rich Steel weight conversion factors please refer to the Speedway Technical Section of our catalogue (Page 96).

Speedway 600mm Radius Tees

Ref.UT (Unequal Tee) ET (Equal Tee)

Part Number	Type	Dimensions (mm)							Weight (kg)		
		R	Wm	Wb	A	B	X	Y	SW4	SW5	SW6
SW△/ET/150/600/○	150mm Branch	600	150	150	750	750	1500	850	8.98	13.34	15.68
SW△/UT/300/150/600/○			300	150	750	825	1500	1000	9.63	13.98	16.54
SW△/UT/450/150/600/○			450	150	750	900	1500	1150	10.28	14.63	17.41
SW△/UT/600/150/600/○			600	150	750	975	1500	1300	10.93	15.28	18.27
SW△/UT/750/150/600/○			750	150	750	1050	1500	1450	13.02	17.37	19.14
SW△/UT/900/150/600/○			900	150	750	1125	1500	1600	13.89	18.24	20.00
SW△/UT/1050/150/600/○			1050	150	750	1200	1500	1750	14.75	19.10	20.87
SW△/UT/150/300/600/○	300mm Branch	600	150	300	825	750	1650	850	9.93	14.45	17.07
SW△/ET/300/600/○			300	300	825	825	1650	1000	10.74	15.26	18.15
SW△/UT/450/300/600/○			450	300	825	900	1650	1150	11.55	16.07	19.24
SW△/UT/600/300/600/○			600	300	825	975	1650	1300	12.36	16.88	20.32
SW△/UT/750/300/600/○			750	300	825	1050	1650	1450	15.05	19.57	21.40
SW△/UT/900/300/600/○			900	300	825	1125	1650	1600	16.13	20.65	22.48
SW△/UT/1050/300/600/○			1050	300	825	1200	1650	1750	17.21	21.73	23.56
SW△/UT/150/450/600/○	450mm Branch	600	150	450	900	750	1800	850	10.54	15.24	18.03
SW△/UT/300/450/600/○			300	450	900	825	1800	1000	11.35	16.05	19.11
SW△/ET/450/600/○			450	450	900	900	1800	1150	12.16	16.86	20.19
SW△/UT/600/450/600/○			600	450	900	975	1800	1300	12.97	17.67	21.28
SW△/UT/750/450/600/○			750	450	900	1050	1800	1450	15.77	20.47	22.36
SW△/UT/900/450/600/○			900	450	900	1125	1800	1600	16.85	21.55	23.44
SW△/UT/1050/450/600/○			1050	450	900	1200	1800	1750	17.93	22.63	24.52
SW△/UT/150/600/600/○	600mm Branch	600	150	600	975	750	1950	850	11.15	16.03	18.99
SW△/UT/300/600/600/○			300	600	975	825	1950	1000	11.96	16.84	20.07
SW△/UT/450/600/600/○			450	600	975	900	1950	1150	12.77	17.65	21.15
SW△/ET/600/600/○			600	600	975	975	1950	1300	13.58	18.46	22.23
SW△/UT/750/600/600/○			750	600	975	1050	1950	1450	16.49	21.36	23.32
SW△/UT/900/600/600/○			900	600	975	1125	1950	1600	17.57	22.44	24.40
SW△/UT/1050/600/600/○			1050	600	975	1200	1950	1750	18.65	23.52	25.48
SW△/UT/150/750/600/○	750mm Branch	600	150	750	1050	750	2100	850	13.32	18.37	20.39
SW△/UT/300/750/600/○			300	750	1050	825	2100	1000	14.62	19.67	21.69
SW△/UT/450/750/600/○			450	750	1050	900	2100	1150	15.92	20.97	22.98
SW△/UT/600/750/600/○			600	750	1050	975	2100	1300	17.21	22.26	24.28
SW△/ET/750/600/○			750	750	1050	1050	2100	1450	18.51	23.56	25.58
SW△/UT/900/750/600/○			900	750	1050	1125	2100	1600	19.81	24.86	26.88
SW△/UT/1050/750/600/○			1050	750	1050	1200	2100	1750	21.11	26.16	28.17
SW△/UT/150/900/600/○	900mm Branch	600	150	900	1125	750	2250	850	14.04	19.27	21.35
SW△/UT/300/900/600/○			300	900	1125	825	2250	1000	15.34	20.56	22.65
SW△/UT/450/900/600/○			450	900	1125	900	2250	1150	16.63	21.86	23.94
SW△/UT/600/900/600/○			600	900	1125	975	2250	1300	17.93	23.16	25.24
SW△/UT/750/900/600/○			750	900	1125	1050	2250	1450	19.23	24.46	26.54
SW△/ET/900/600/○			900	900	1125	1125	2250	1600	20.53	25.75	27.84
SW△/UT/1050/900/600/○			1050	900	1125	1200	2250	1750	21.82	27.05	29.13
SW△/UT/150/1050/600/○	1050mm Branch	600	150	1050	1200	750	2400	850	14.76	20.16	22.31
SW△/UT/300/1050/600/○			300	1050	1200	825	2400	1000	16.06	21.46	23.60
SW△/UT/450/1050/600/○			450	1050	1200	900	2400	1150	17.35	22.76	24.90
SW△/UT/600/1050/600/○			600	1050	1200	975	2400	1300	18.65	24.05	26.20
SW△/UT/750/1050/600/○			750	1050	1200	1050	2400	1450	19.95	25.35	27.50
SW△/UT/900/1050/600/○			900	1050	1200	1125	2400	1600	21.25	26.65	28.79
SW△/ET/1050/600/○			1050	1050	1200	1200	2400	1750	22.54	27.95	30.09

△ = Select a Ladder Type ○ = Select a Finish & Material



VANTRUNK
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QUICKFIT CABLE LADDER

Finishes & Materials:



Supplied with:



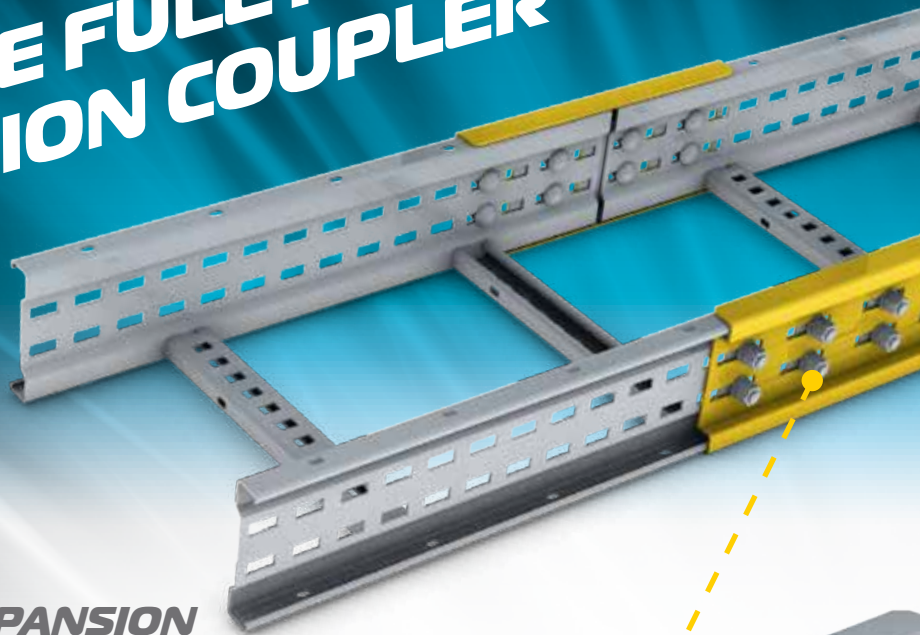
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Weights shown are for standard hot dip galvanised finish only, for Stainless Steel and Silicon Rich Steel weight conversion factors please refer to the Speedway Technical Section of our catalogue (Page 96).

EXPAND YOUR HORIZONS

WITH THE FULL MOMENT EXPANSION COUPLER



FULL MOMENT EXPANSION COUPLER FEATURES:

Vantrunk (FME) Full Moment Expansion Coupler gives several unique features when used on an installation:

- Increases the maximum movement due to temperature expansion from 28mm to 75mm therefore reducing the number of expansion couplers.
- Can carry a heavier cable load and does not need the cable ladder to be supported 600mm either side of the expansion joint.
- Due to the extra strength and rigidity of a ladder joint using Full Moment Expansion couplers, these can be used in situations where very heavy cable ladder loading would increase the deflection if a standard coupler was used.

For more information on the Full Moment Expansion Coupler visit vantrunk.com



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EXTREME CABLE LADDER

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Technical

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CROSSES

Speedway Crosses (EC) are designed to create intersecting coplanar connections between horizontal cable runs (ladder installed in horizontal plane) and between vertical cable runs (ladder installed in vertical plane).

Speedway Crosses are available in widths from 150mm to 1050mm as standard. Speedway Crosses are available with standard radii of 300mm, 450mm, 600mm, 750mm, 900mm, 1050mm & 1200mm. Other widths between 100mm to 1500mm and radii, subject to cable ladder type, are also available.

The Speedway Cross is manufactured with a repeatable and true radius which eliminates the traditional approach of 'make it fit' during installation.

All Speedway Crosses are now manufactured with a Speedlok Integral Coupler, removing the need for separate couplers in the joining mechanism between cable ladder fittings and straight lengths of ladder.

All Speedway Crosses will be supplied with all necessary fixings.

The rungs are orientated with the open face uppermost to suit the use of cleats and similar cable restraint devices. This allows compliance with current recommendations for cable restraint, especially where cables are used which have a high potential fault current level.

Equal Crosses, where the branches have identical widths, are supplied as standard. Short and long adjustable couplers, as well as abrupt reducers, can be used to convert equal crosses into unequal crosses. The Short and Long Adjustable Couplers give a maximum width reduction of 150mm and 300mm respectively.

Consult our Sales Team on the availability of non-standard crosses where differing branch widths and differing radii are required to suit specific installation requirements.

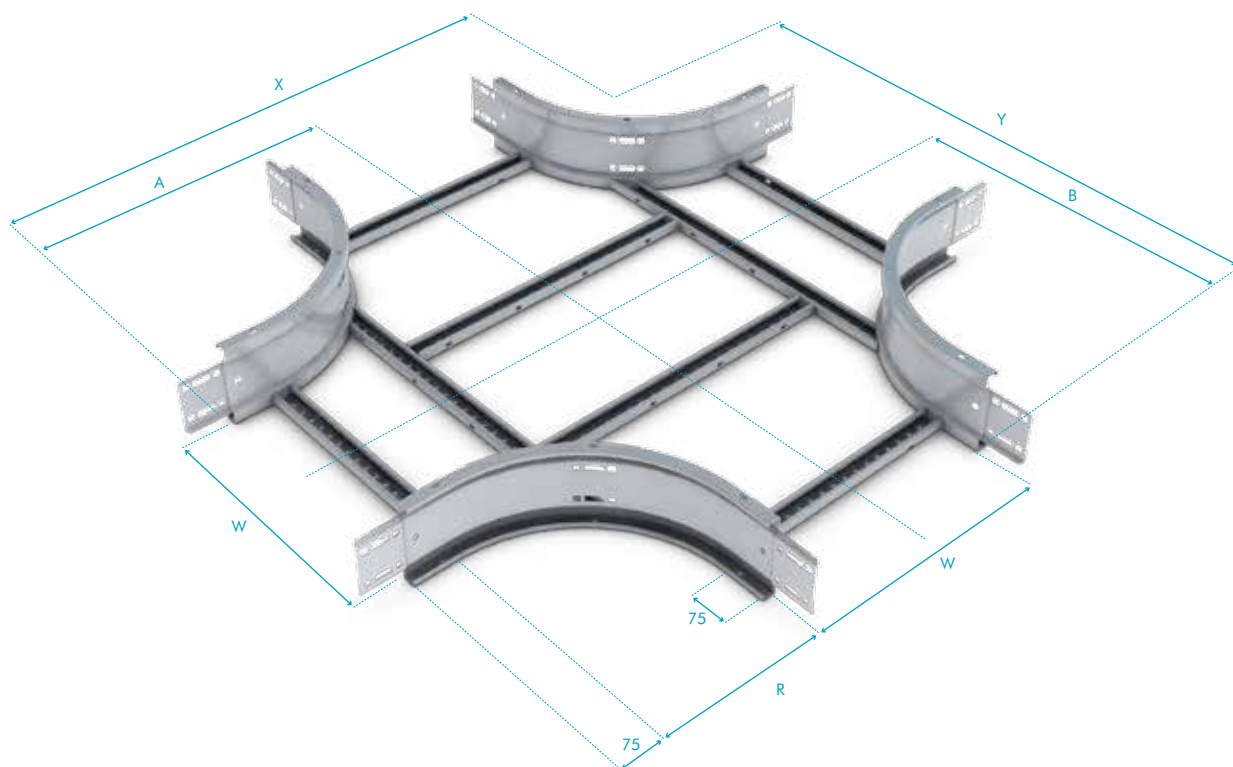
WHEN JOINING ONE FITTING TO ANOTHER TO SUIT ON SITE INSTALLATION REQUIREMENTS THE USE OF A FITTING TO FITTING COUPLER (FFC) WILL BE REQUIRED. PLEASE REFER TO PG 73 FOR FURTHER DETAILS

ACCREDITED TO THE
FOLLOWING STANDARD



Speedway Crosses

Ref.EC



Part Number	Type	Dimensions (mm)						Weights (kg)		
		R	W	A	B	X	Y	SW4	SW5	SW6
SW△/EC/150/300/○	300mm Branch	300	150	450	450	900	900	6.74	9.68	11.57
SW△/EC/300/300/○		300	300	525	525	1050	1050	7.87	10.82	13.09
SW△/EC/450/300/○		300	450	600	600	1200	1200	9.64	12.58	15.44
SW△/EC/600/300/○		300	600	675	675	1350	1350	10.94	13.88	17.17
SW△/EC/750/300/○		300	750	750	750	1500	1500	14.65	17.59	18.90
SW△/EC/900/300/○		300	900	825	825	1650	1650	17.87	20.81	22.12
SW△/EC/1050/300/○		300	1050	900	900	1800	1800	19.82	22.76	24.07
SW△/EC/150/600/○	600mm Branch	600	150	750	750	1500	1500	11.42	16.56	19.61
SW△/EC/300/600/○		600	300	825	825	1650	1650	13.37	18.51	22.22
SW△/EC/450/600/○		600	450	900	900	1800	1800	14.83	19.97	24.16
SW△/EC/600/600/○		600	600	975	975	1950	1950	16.29	21.43	26.11
SW△/EC/750/600/○		600	750	1050	1050	2100	2100	22.33	27.47	29.58
SW△/EC/900/600/○		600	900	1125	1125	2250	2250	24.49	29.64	31.75
SW△/EC/1050/600/○		600	1050	1200	1200	2400	2400	26.66	31.80	33.91

△ = Select a Ladder Type ○ = Select a Finish & Material

VANTRUNK
SPEEDLOK
QUICKFIT CABLE LADDER

Finishes & Materials:



Supplied with:



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 Speedway Technical Section of our catalogue (Page 96).



REDUCERS - STRAIGHT, LEFT & RIGHT (RS, RL & RR)

Speedway Reducers are used to create coplanar reductions in widths between adjoining straight ladders and between straight ladders and fittings of the same ladder type, fulfilling the same role as short and long adjustable couplers but using a purpose-made fitting capable of self-support as part of a cable run.

Speedway Straight Reducers (RS reducer straight) are used to create a concentric reduction, having an equal width reduction along both sides. Left hand reducers (RL reducer left) and right hand reducers (RR reducer right) are used to create offset reductions to suit particular installation requirements. Left hand reducers have the width reduction on the left when viewed from the primary width. Right hand reducers have the width reduction on the right when viewed from the primary width.

Speedway reducers are available for use across the full range of Speedway cable ladder widths to facilitate width changes from the widest to the narrowest width and all possible combinations in between. The Speedway Reducer has an overall length of 500mm irrespective of ladder type and width reduction.

All Speedway Reducers are now manufactured with a Speedlok Integral Coupler, removing the need for separate couplers in the joining mechanism between cable ladder fittings and straight lengths of ladder. All Speedway Reducers will be supplied with all necessary fixings.

Each reducer has two rungs as standard. The reducer rungs are orientated with the open face uppermost to suit the use of cleats and similar cable restraint devices. This allows compliance with current recommendations for cable restraint, especially where cables are used which have a high potential fault current level.

WHEN JOINING ONE FITTING TO ANOTHER TO SUIT ON SITE INSTALLATION REQUIREMENTS THE USE OF A FITTING TO FITTING COUPLER (FFC) WILL BE REQUIRED. PLEASE REFER TO PG 73 FOR FURTHER DETAILS

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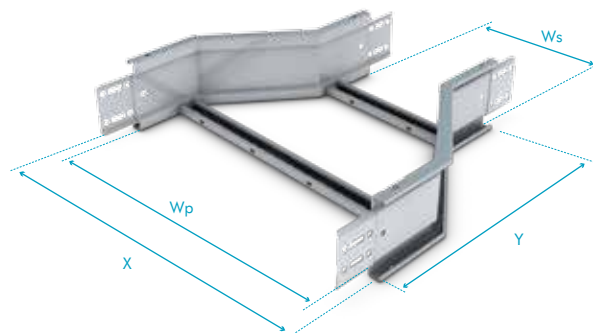


SW6 / RS / 900 / 750 / SS
System Type Fitting Type Width Wp Width Ws Finish

Reducer Straight **Ref.RS**

Part Number	Dimensions (mm)				Weight (kg)			
	Wp	Ws	X		Y	SW4	SW5	SW6
			SW4	SW5 & SW6				
SWΔ/RS/300/150/○	300	150	340	350	75	2.65	3.94	4.68
SWΔ/RS/450/150/○	450		490	500	150	2.97	4.35	5.18
SWΔ/RS/600/150/○	600		640	650	225	3.33	4.85	5.77
SWΔ/RS/750/150/○	750		790	800	300	4.06	5.71	6.42
SWΔ/RS/900/150/○	900		940	950	375	4.52	6.34	7.10
SWΔ/RS/1050/150/○	1050		1090	1100	450	5.00	6.98	7.80
SWΔ/RS/450/300/○	450	300	490	500	75	2.98	4.26	5.11
SWΔ/RS/600/300/○	600		640	650	150	3.29	4.67	5.61
SWΔ/RS/750/300/○	750		790	800	225	4.04	5.55	6.21
SWΔ/RS/900/300/○	900		940	950	300	4.49	6.14	6.85
SWΔ/RS/1050/300/○	1050		1090	1100	375	4.96	6.77	7.53
SWΔ/RS/600/450/○	600	450	670	650	75	3.30	4.59	5.54
SWΔ/RS/750/450/○	750		790	800	150	4.05	5.43	6.04
SWΔ/RS/900/450/○	900		940	950	225	4.47	5.98	6.64
SWΔ/RS/1050/450/○	1050		1090	1100	300	4.92	6.58	7.29
SWΔ/RS/750/600/○	750	600	800	800	75	4.11	5.40	5.98
SWΔ/RS/900/600/○	900		940	950	150	4.48	5.86	6.48
SWΔ/RS/1050/600/○	1050		1090	1100	225	4.90	6.41	7.07
SWΔ/RS/900/750/○	900	750	940	950	75	4.55	5.83	6.41
SWΔ/RS/1050/750/○	1050		1090	1100	150	4.91	6.30	6.91
SWΔ/RS/1050/900/○	1050	900	1090	1100	75	4.98	6.26	6.84

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



Finishes & Materials:



Supplied with:



Not Required:

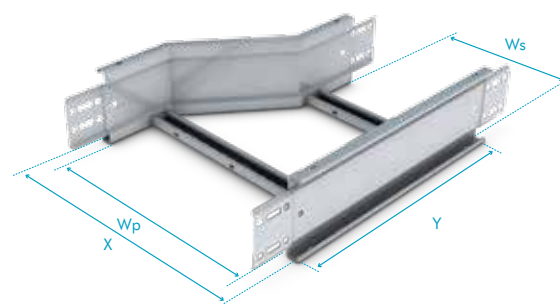

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Weights shown are for standard hot dip galvanised finish only, for Stainless Steel and Silicon Rich Steel weight conversion factors please refer to the Speedway Technical Section of our catalogue (Page 96).

Reducer Left **Ref.RL**

Part Number	Dimensions (mm)				Weight (kg)			
	Wp	Ws	X		Y	SW4	SW5	SW6
			SW4	SW5 & SW6				
SWΔ/RL/300/150/○	300	150	340	350	75	2.70	4.01	4.76
SWΔ/RL/450/150/○	450		490	500	150	3.08	4.53	5.38
SWΔ/RL/600/150/○	600		640	650	225	3.50	5.10	6.07
SWΔ/RL/750/150/○	750		790	800	300	4.26	6.03	6.78
SWΔ/RL/900/150/○	900		940	950	375	4.75	6.69	7.51
SWΔ/RL/1050/150/○	1050		1090	1100	450	5.25	7.36	8.24
SWΔ/RL/450/300/○	450	300	490	500	75	3.02	4.33	5.19
SWΔ/RL/600/300/○	600		640	650	150	3.40	4.85	5.81
SWΔ/RL/750/300/○	750		790	800	225	4.20	5.81	6.50
SWΔ/RL/900/300/○	900		940	950	300	4.69	6.46	7.21
SWΔ/RL/1050/300/○	1050		1090	1100	375	5.18	7.12	7.94
SWΔ/RL/600/450/○	600	450	670	650	75	3.35	4.66	5.62
SWΔ/RL/750/450/○	750		790	800	150	4.16	5.61	6.24
SWΔ/RL/900/450/○	900		940	950	225	4.63	6.24	6.93
SWΔ/RL/1050/450/○	1050		1090	1100	300	5.12	6.89	7.65
SWΔ/RL/750/600/○	750	600	800	800	75	4.16	5.47	6.05
SWΔ/RL/900/600/○	900		940	950	150	4.59	6.04	6.68
SWΔ/RL/1050/600/○	1050		1090	1100	225	5.07	6.67	7.37
SWΔ/RL/900/750/○	900	750	940	950	75	4.59	5.90	6.49
SWΔ/RL/1050/750/○	1050		1090	1100	150	5.03	6.47	7.11
SWΔ/RL/1050/900/○	1050	900	1090	1100	75	5.02	6.33	6.92

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


VANTRUNK
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 QUICKFIT CABLE LADDER

Finishes & Materials:



Supplied with:



Not Required:

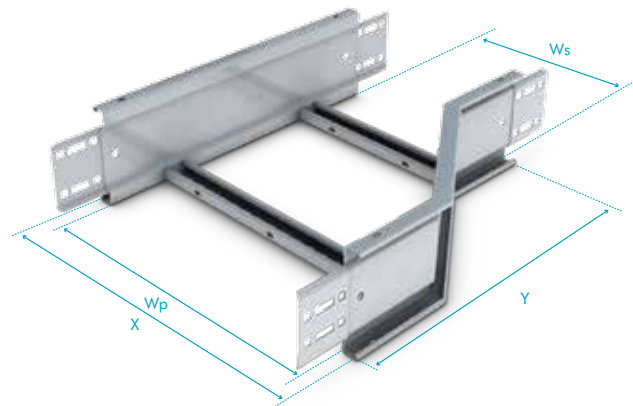


Weights shown are for standard hot dip galvanised finish only, for Stainless Steel and Silicon Rich Steel weight conversion factors please refer to the Speedway Technical Section of our catalogue (Page 96).

Reducer Right Ref.RR

Part Number	Dimensions (mm)					Weight (kg)		
	Wp	Ws	X		Y	SW4	SW5	SW6
			SW4	SW5 & SW6				
SW△/RR/300/150/○	300	150	340	350	75	2.70	4.01	4.76
SW△/RR/450/150/○	450		490	500	150	3.08	4.53	5.38
SW△/RR/600/150/○	600		640	650	225	3.50	5.10	6.07
SW△/RR/750/150/○	750		790	800	300	4.26	6.03	6.78
SW△/RR/900/150/○	900		940	950	375	4.75	6.69	7.51
SW△/RR/1050/150/○	1050		1090	1100	450	5.25	7.36	8.24
SW△/RR/450/300/○	450	300	490	500	75	3.02	4.33	5.19
SW△/RR/600/300/○	600		640	650	150	3.40	4.85	5.81
SW△/RR/750/300/○	750		790	800	225	4.20	5.81	6.50
SW△/RR/900/300/○	900		940	950	300	4.69	6.46	7.21
SW△/RR/1050/300/○	1050		1090	1100	375	5.18	7.12	7.94
SW△/RR/600/450/○	600	450	670	650	75	3.35	4.66	5.62
SW△/RR/750/450/○	750		790	800	150	4.16	5.61	6.24
SW△/RR/900/450/○	900		940	950	225	4.63	6.24	6.93
SW△/RR/1050/450/○	1050		1090	1100	300	5.12	6.89	7.65
SW△/RR/750/600/○	750	600	800	800	75	4.16	5.47	6.05
SW△/RR/900/600/○	900		940	950	150	4.59	6.04	6.68
SW△/RR/1050/600/○	1050		1090	1100	225	5.07	6.67	7.37
SW△/RR/900/750/○	900	750	940	950	75	4.59	5.90	6.49
SW△/RR/1050/750/○	1050		1090	1100	150	5.03	6.47	7.11
SW△/RR/1050/900/○	1050	900	1090	1100	75	5.02	6.33	6.92

△= Select a Ladder Type ○= Select a Finish & Material



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Finishes & Materials:



Supplied with:



Not Required:



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