

SECTION 05: SPEEDWAY® CABLE LADDER SYSTEMS



The Speedway® family is growing.

Speedway® Cable Ladder is now available in Pre-Galvanised Steel [QQ] and Zinc Magnesium Coated Steel [ZM].

The extended material choices offer greater flexibility, enabling contractors to choose the most suitable material based on the specific requirements of each project.

Featuring original Speedway® Cable Ladder design benefits.

Special Profiled Side Section:

1. Enhanced structural rigidity.
2. Increased internal width for cables.
3. High performance coupling.
4. Safety edge.

Slotted Side Section:

1. Allows faster installation as the ladder can be cut to any length and coupled without on-site drilling.
2. Fixing to ladder sides.
3. Reduced weight.

Shallow Channel Rungs:

1. The welding of the rungs to the lowest point of the side section ensures maximum loading height.
2. High strength even in the widest ladders.
3. Compatible with every known type of cleat, tie and bonding with infinite adjustment.
4. Rungs alternately inverted (on lengths) permitting suspension of light fittings etc. from underside.

ACCREDITED TO THE FOLLOWING STANDARDS:



Manufactured in 3 heights:

Speedway® 4 (SW4) - 100mm overall height

Speedway® 5 (SW5) - 125mm overall height

Speedway® 6 (SW6) - 150mm overall height

Ladder, Fittings, Covers & Accessories



Pre-galvanised structural steel (BS EN 10346)

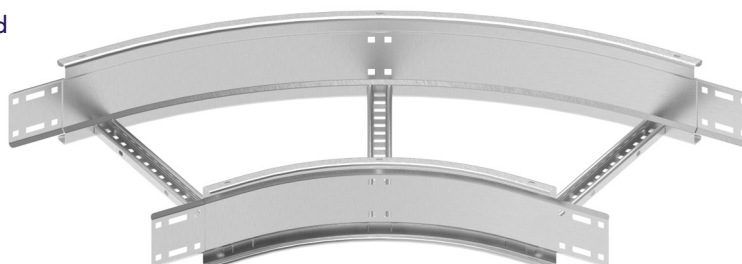


Zinc magnesium coated steel (BS EN 10346)

Speedway® QQ/ZM Cable Ladder is ideally suited for areas with low levels of atmospheric corrosion. It has been tested in accordance with BS EN 61537.

Identification Markings:

Speedway® Cable Ladder products are stamped with Vantrunk; Vantrunk Ltd. is part of the Unitrunk Group.



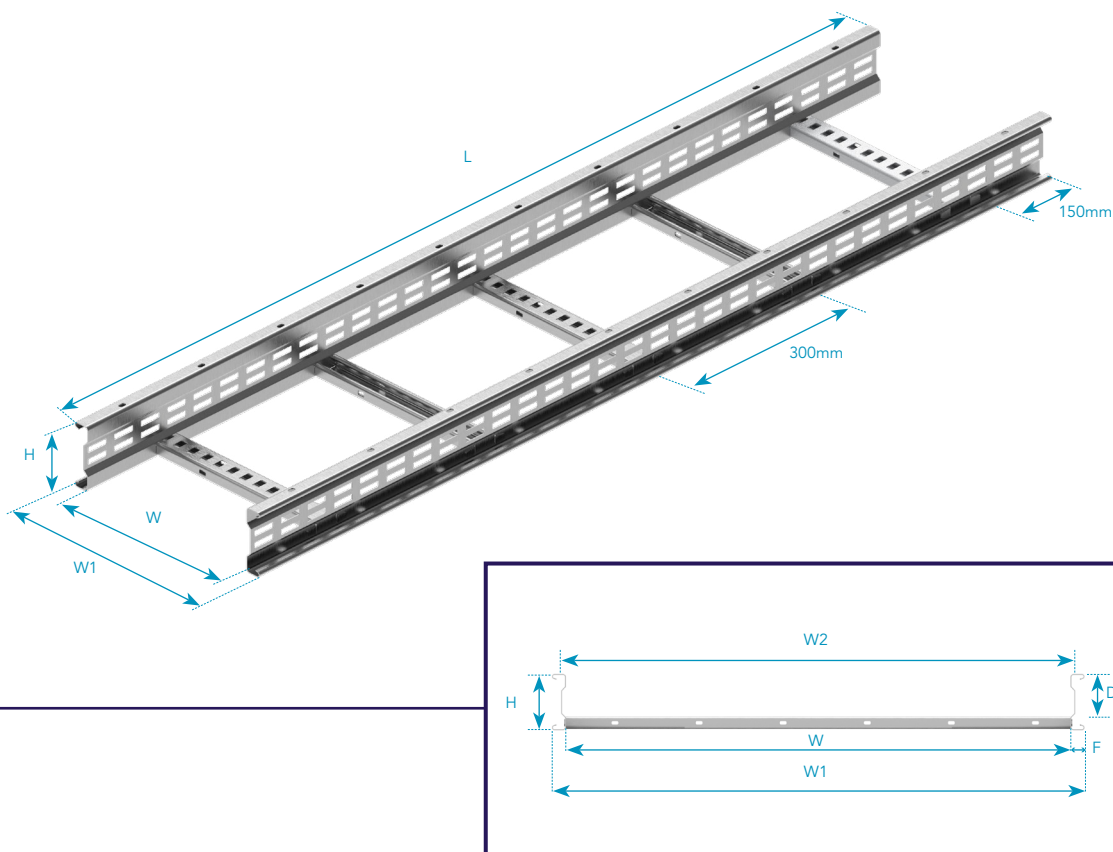
Speedway® SW4 Cable Ladder

Speedway® 4 SW4 Medium Duty Cable Ladder is manufactured in 3m lengths.

The cable ladder is available in standard widths of 150mm, 300mm, 450mm, 600mm, 750mm, 900mm and 1050mm.

Additional widths are available on request.

Rung spacing is 300mm as standard.



Part Code	No. of Rungs	Dimensions (mm)				Weight (kg)
		W	W1	L	H	
SW4-SL3-150- ○	10	150	200	3000	100	13.02
SW4-SL3-300- ○		300	350			14.52
SW4-SL3-450- ○		450	500			16.12
SW4-SL3-600- ○		600	650			17.62
SW4-SL3-750- ○		750	800			19.12
SW4-SL3-900- ○		900	950			20.62
SW4-SL3-1050- ○		1050	1100			21.34

Height	H	100mm
Loading Depth	D	75mm
Ladder Width	W	100mm to 1050mm
Overall Width	W1	W + 50mm
Maximum Internal Width	W2	W + 14mm
Flange Width	F	25mm

○ = Select a finish/material

Product Available in:



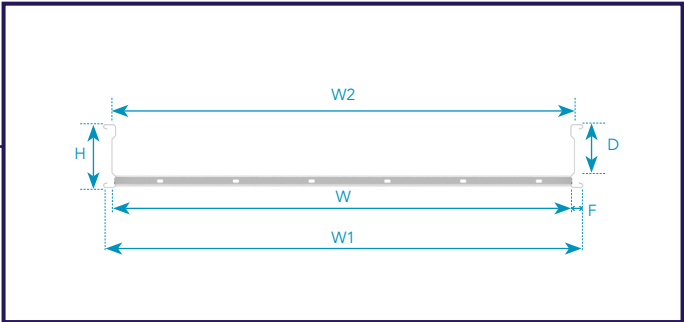
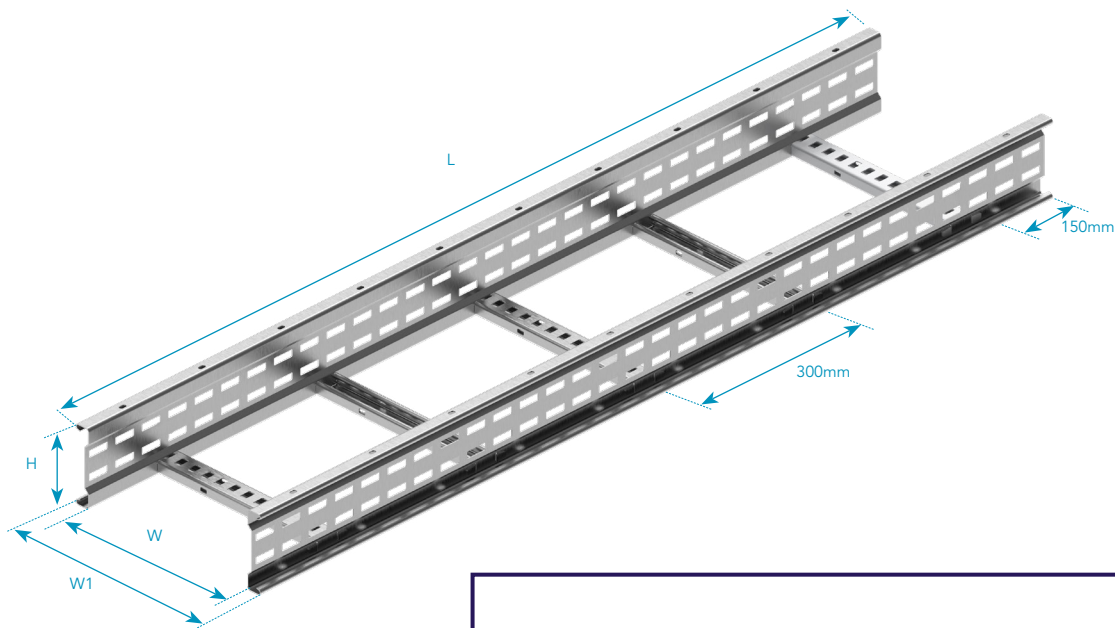
Speedway® SW5 Cable Ladder

Speedway® 5 (SW5) Heavy Duty Cable Ladder is manufactured in 3m lengths.

The cable ladder is available in standard widths of 150mm, 300mm, 450mm, 600mm, 750mm, 900mm and 1050mm.

Additional widths are available on request.

Rung spacing is 300mm as standard.



Part Code	No. of Rungs	Dimensions (mm)				Weight (kg)
		W	W1	L	H	
SW5-SL3-150-○	10	150	200	3000	125	13.98
SW5-SL3-300-○		300	350			15.48
SW5-SL3-450-○		450	500			17.08
SW5-SL3-600-○		600	650			18.58
SW5-SL3-750-○		750	800			20.08
SW5-SL3-900-○		900	950			21.58
SW5-SL3-1050-○		1050	1100			23.5

Height	H	125mm
Loading Depth	D	100mm
Ladder Width	W	100mm to 1050mm
Overall Width	W1	W + 50mm
Maximum Internal Width	W2	W + 14mm
Flange Width	F	25mm

○ = Select a finish/material

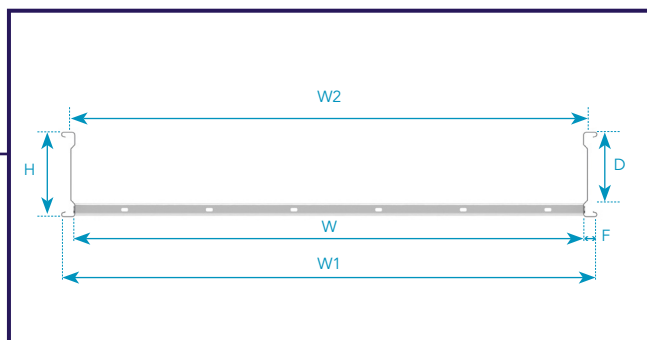
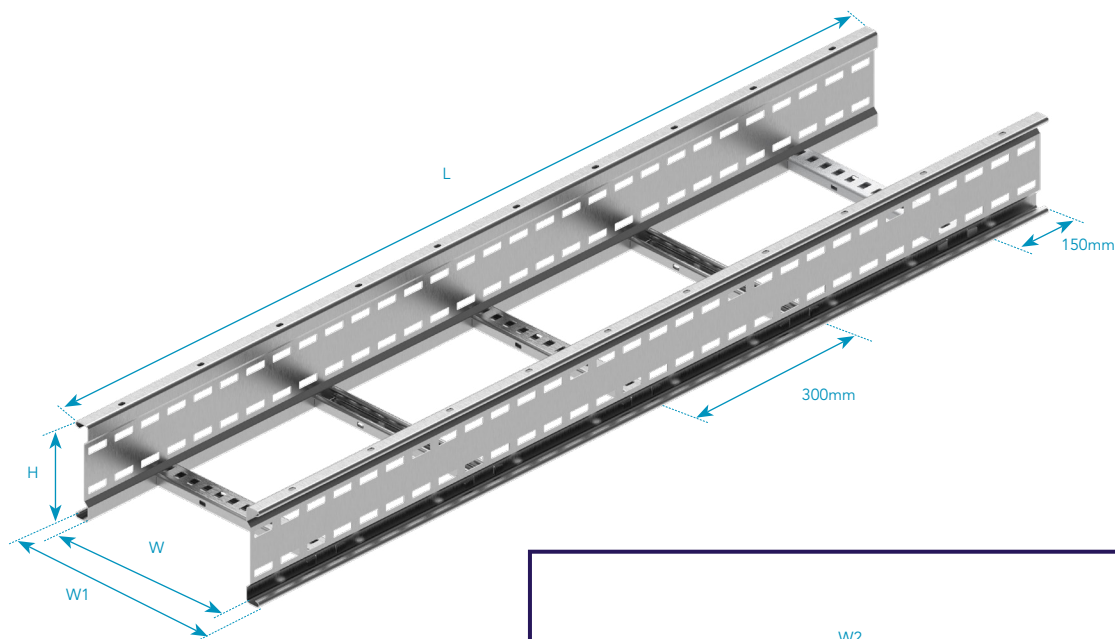
Speedway® SW6 Cable Ladder

Speedway® 6 (SW6) Extra Heavy Duty Cable Ladder is manufactured in 3m lengths.

The cable ladder is available in standard widths of 150mm, 300mm, 450mm, 600mm, 750mm, 900mm and 1050mm.

Additional widths are available on request.

Rung spacing is 300mm as standard.



Part Code	No. of Rungs	Dimensions (mm)				Weight (kg)
		W	W1	L	H	
SW6-SL3-150-○	10	150	200	3000	150	15.84
SW6-SL3-300-○		300	350			17.34
SW6-SL3-450-○		450	500			18.94
SW6-SL3-600-○		600	650			20.44
SW6-SL3-750-○		750	800			21.94
SW6-SL3-900-○		900	950			23.44
SW6-SL3-1050-○		1050	1100			24.94

Height	H	150mm
Loading Depth	D	125mm
Ladder Width	W	100mm to 1050mm
Overall Width	W1	W + 50mm
Maximum Internal Width	W2	W + 14mm
Flange Width	F	25mm

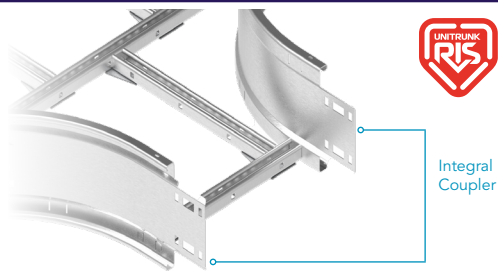
○ = Select a finish/material

Product Available in:



Cable Ladder Fitting with Integral Coupler

This fast-fitting system offers significant cost savings through reduction in the number of couplers and fixings required. The integral coupler has a formed shape which increases strength and rigidity, and reduces joint hinging.



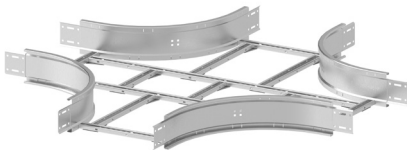
Flat Elbow
30°, 45°, 60° & 90°



Part Code

SW△-FE Angle-Width-Radius-○

Equal Cross



Part Code

SW△-C-Width-Radius-○

Equal/Unequal Tee



Part Code

Type

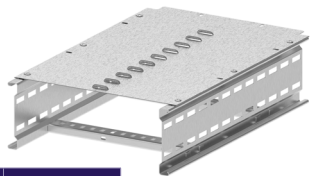
SW△-ET-Width-Radius-○

Equal

SW△-UT-W1-W2-Radius-○

Unequal

Covers



Part Code

Type

SW△-CC-SL1.5-Width-○

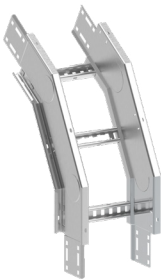
Closed

SW△-CL-SL1.5-Width-○

Louvered

Supplied with fixings. Straight ladder covers are supplied in 1.5m lengths.

Riser (Outside)
30°, 45°, 60° & 90°



Part Code

SW△-OR Angle-Width-Radius-○

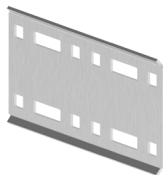
Riser (Inside)
30°, 45°, 60° & 90°



Part Code

SW△-IR Angle-Width-Radius-○

Straight Coupler



Code

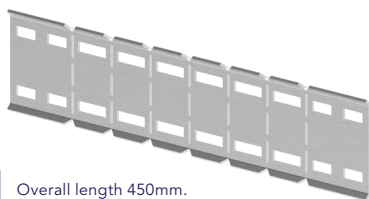
SW△-CS-○

Sold in pairs. Supplied with fixings. 1 Pair per ladder.

△ = Select a system type

○ = Select a finish/material

Long Adjustable Coupler

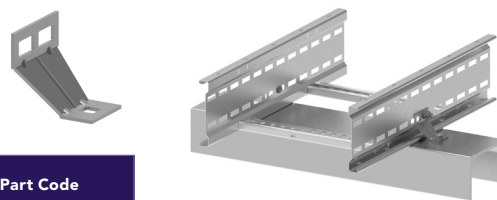


Part Code

SW△-LAC-○

Overall length 450mm.
Used as an alternative to
Reducers and Unequal Tees.
Supplied with fixings.

Adjustable Fixing Bracket

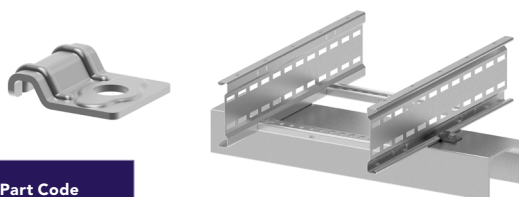


Part Code

SW△-AFB-○

Supplied with 1 fixing.

External Flange Clamp

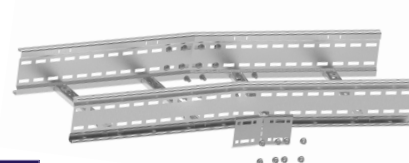


Part Code

SW-EFC-○

Fixings ordered separately.

Horizontal Adjustable Coupler

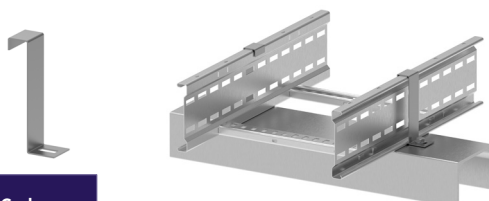


Part Code

SW△-HAC-○

Each supplied with fixings.

Hold-Down Bracket



Part Code

SW△-HDB-○

Fixings ordered separately.

Vertical Adjustable Coupler



Part Code

SW△-VAC-○

Each supplied with fixings.
For SW4 & SW5 order as: SW4-5-vac-finish.
For SW6 order as: SW6-vac-finish.

Straight Ladder Divider

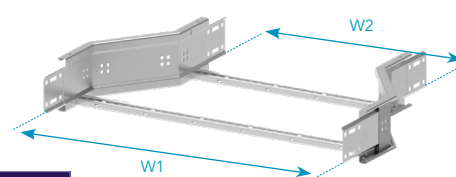


Part Code

SW△-DIV-SL1.5-○

Straight ladder dividers
are 1.5m long.
Fixings ordered separately.

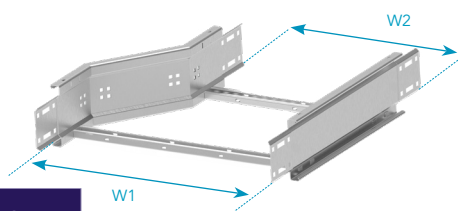
Straight Reducer



Part Code

SW△-RS-W1-W2-○

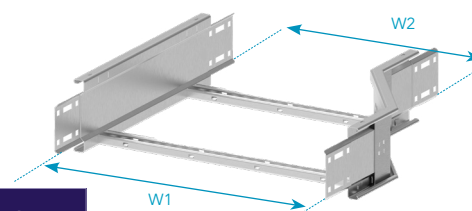
Reducer Left Hand



Part Code

SW△-RL-W1-W2-○

Reducer Right Hand



Part Code

SW△-RR-W1-W2-○

Product Available in:



△ = Select a system type

○ = Select a finish/material

SPEEDWAY® CABLE LADDER SYSTEMS

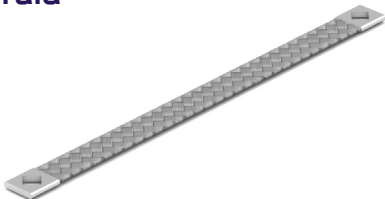
Ladder Fixing Kit



Part Code	Description
VSK-M8-ZD	M8 (suitable for SW4)
VSK-M10-ZD	M10 (suitable for SW5 & SW6)

Sold in packs of 8.

Earth Braid



Designed for use in installations where an additional means of earthing or electrical bonding is specified.
Comprised of a 16mm² tinned copper braid crimped into M10 tinned copper end connectors.
The Speedway® Earth Braid/Bonding Strap is compatible with Speedway® SW4, SW5 & SW6.

Part Code	Description
EBS-01	M10 Braid

Standard Material Gauges & Loading Data

Ladder Type	Material & Finish	Sidewall Gauge (mm)	Rung Gauge (mm)						Loading Capacity (kg/m)				
			150	300	450	600	750	900	1.0m span	1.5m span	2.0m span	2.5m span	3.0m span
Speedway® SW4	ZM/QQ	1.5	1.5						233	233	233	233	233
Speedway® SW5	ZM/QQ	1.5	1.5						234	234	234	234	234
Speedway® SW6	ZM/QQ	1.5	1.5						235	235	235	235	235

ZM - Zinc Magnesium Coated Steel / QQ - Pre-Galvanised Steel

The Speedway® cable ladder system is also available in a combination of side wall gauges (1.5mm & 2.0mm) and rung gauges (1.5mm, 2.0mm, 2.5mm) to suit specific installation requirements.

Consult our Design Team for guidance on the correct selection of material gauge combinations.