

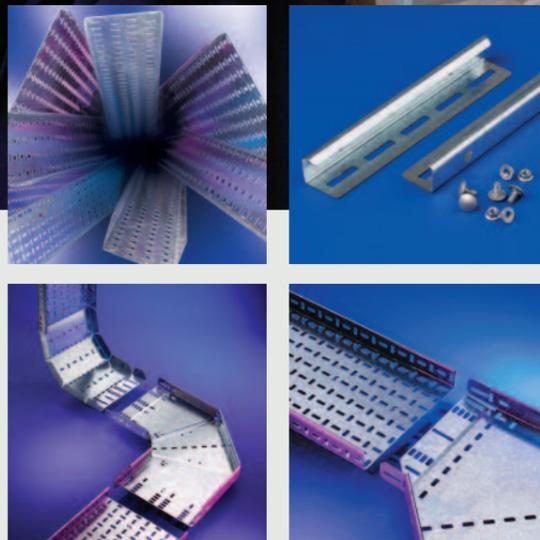
# The innovative, quick-fit choice

The distinctive slot pattern on Swifts cable tray systems provides installers with total flexibility for the positioning of nuts and bolts, cable ties and all ancillary items.

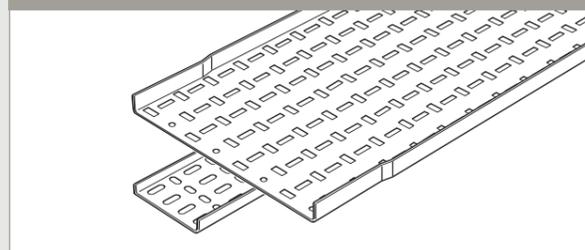


Available in three types, from light through to heavy duty, each system is supported by a fully integrated range of time saving fixings and fittings.

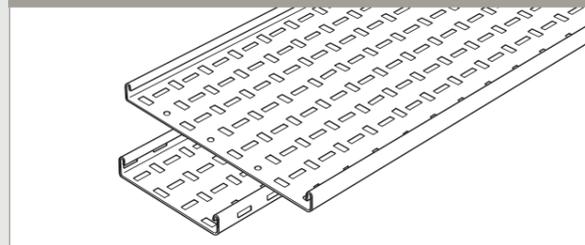
- Quick-fit couplers available for straight lengths on MRF and SRF tray systems
- Unique adjustable bends
- All tray fittings have an integral coupler system to save time and money



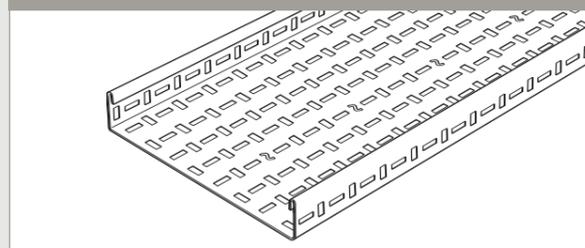
## SSL - LIGHT DUTY



## MRF - MEDIUM DUTY RETURN FLANGE



## SRF - HEAVY DUTY RETURN FLANGE



## Swifts® cable tray systems



### Ordering Information

Cat. Nos. are generated by replacing the red letters in the product code with the relevant width, angle, branch and finish (where needed) Examples are provided below and in the selection charts in the following pages

#### SS light duty

**Standard widths :**  
50, 75, 100, 150, 225 and 300

**Key to selecting SS light duty fittings**  
(see selection chart p. 238)

#### Examples :

For a hot dip galvanised SS straight length, 300 mm wide :

Product code = SSL 300 **F** – Cat. No. = SSL 300 G

For a hot dip galvanised SS 45° flat bend, 300 mm wide :

Product code = SSB 300 **A F** – Cat. No. = SSB 300 45 G

#### Note :

All SS straight lengths and accessories have integral couplings, no additional couplers are required

When placing orders for 50 to 225 mm widths in **S** finish, please contact us on 0845 605 4333

#### MRF general purpose

**Standard widths :**  
50, 75, 100, 150, 225, 300, 450 and 600 mm

**Key to selecting MRF general purpose fittings**  
(see selection chart p. 238)

#### Examples :

For a hot dip galvanised MRF straight length, 600 mm wide :

Product code = MRFL 600 **F** – Cat. No. = MRFL 600 G

For a hot dip galvanised MRF 45° flat bend, 600 mm wide :

Product code = MRFB 600 **A F** – Cat. No. = MRFB 600 45 G

#### Note :

Widths up to 150 mm wide in **G** and 225 mm wide in **PG** finishes have slots in side flanges. MRF 50 mm wide straight lengths and accessories are not available in **D** or **S** finishes

#### SRF heavy duty

**Standard widths :**  
75, 100, 150, 225, 300, 450, 600, 750 and 900 mm

**Key to selecting SRF heavy duty fittings**  
(see selection chart p. 240)

#### Examples :

For a hot dip galvanised SRF straight length, 600 mm wide :

Product code = SRFL 600 **F** – Cat. No. = SRFL 600 G

For a hot dip galvanised SRF 45° flat bend, 600 mm wide :

Product code = SRFB 600 **A F** – Cat. No. = SRFB 600 45 G

Range	Finishes available				
	G	PG	D	S	–
SSL	G	PG	D	S	–
MRF	G	PG	D	S	E
SRF	G	PG	D	S	E

See below for finish details

#### FINISHES

##### Standard Stocked Finish :

**G** Hot dip galvanised after manufacture to BS EN ISO 1461

**PG** Pre-galvanised steel to BS EN 10327 grade DX51D

##### Additional Finishes to special order :

**D** Deep galvanised steel made from BS EN 10025-5 grade S355J0WP (finish with extra zinc coating)

**S** Stainless steel to BS EN 10088 Number 1-4401 finish 2B (equivalent to 316S31)

**E** Plastic coated (or to customer's specification)



**Sheared steel (particularly stainless steel) does have relatively sharp edges and protective gloves must be worn during handling**

**Swifts® cable tray systems straight lengths and fittings**  
SS light duty and MRF general purpose

Tray width (mm)		TRAY	FITTINGS						FITTINGS			Key : selecting SS light duty fittings Replace the letters shown in red with your choice from the following options : A = Angle (°) : 45 (90 standard and does not need to be included in order code) B = Branch width (mm) : 50, 75, 100, 150, 225, 300 F = Finish : G (hot dip galvanised after manufacture), PG (pre-galvanised steel), S (stainless steel) K = Narrowed width when using a reducer (mm) : 50, 75, 100, 150, 225
		Straight lengths (3 m) F = finish	Coupler sets F = finish	Flat bends A = angle F = finish	Adjustable bends F = finish	Inside risers F = finish	Outside risers F = finish	Adjustable risers F = finish	4 way crosspieces F = finish	Equal tees F = finish	Straight reducers K = reduced width F = finish	
SS LIGHT DUTY	50	SSL 50 F	-	SSB 50 A F	-	SSIR 50 F	SSOR 50 F	SSAR 50 F	SSX 50 F	SST 50 F	-	
	75	SSL 75 F	-	SSB 75 A F	-	SSIR 75 F	SSOR 75 F	SSAR 75 F	SSX 75 F	SST 75 F	SSR 75 K F	
	100	SSL 100 F	-	SSB 100 A F	-	SSIR 100 F	SSOR 100 F	SSAR 100 F	SSX 100 F	SST 100 F	SSR 100 K F	
	150	SSL 150 F	-	SSB 150 A F	-	SSIR 150 F	SSOR 150 F	SSAR 150 F	SSX 150 F	SST 150 F	SSR 150 K F	
	225	SSL 225 F	-	SSB 225 A F	-	SSIR 225 F	SSOR 225 F	SSAR 225 F	SSX 225 F	SST 225 F	SSR 225 K F	
	300	SSL 300 F	-	SSB 300 A F	-	SSIR 300 F	SSOR 300 F	SSAR 300 F	SSX 300 F	SST 300 F	SSR 300 K F	



For 50-225 mm widths – 12 mm depth  
For 300 mm – 18 mm depth

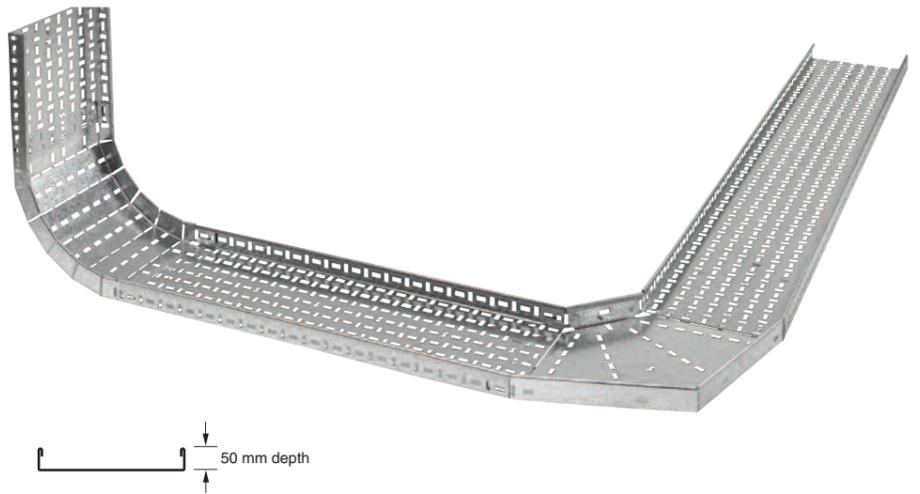
Tray width (mm)		TRAY	FITTINGS						FITTINGS			Key : selecting MRF general purpose fittings Replace the letters shown in red with your choice from the following options : A = Angle (°) : 45 (90 standard and does not need to be included in order code) B = Branch width (mm) : 50, 75, 100, 150, 225, 300, 450, 600 F = Finish : G (hot dip galvanised after manufacture), D (deep galvanised steel), PG (pre-galvanised steel), S (stainless steel), E (plastic coated) K = Narrowed width when using a reducer (mm) : 50, 75, 100, 150, 225, 300, 450
		Straight lengths (3 m) F = finish	Coupler sets F = finish	Flat bends <sup>(1)</sup> A = angle F = finish	Adjustable bends F = finish	90° inside risers <sup>(1)</sup> F = finish	90° outside risers <sup>(1)</sup> F = finish	Adjustable risers F = finish	4 way crosspieces F = finish	Equal tees F = finish	Unequal tees B = branch F = finish	
MRF GENERAL PURPOSE	50	MRFL 50 F	MRFC50 F	MRFB 50 A F	MRFAB 50 F	MRFIR 50 90 F	MRFOR 50 90 F	MRFAR 50 F	MRFX 50 F	MRFT 50 F	MRFUT 50 B F	-
	75	MRFL 75 F	MRFC F	MRFB 75 A F	MRFAB 75 F	MRFIR 75 90 F	MRFOR 75 90 F	MRFAR 75 F	MRFX 75 F	MRFT 75 F	MRFUT 75 B F	MRFR 75 K F
	100	MRFL 100 F	MRFC F	MRFB 100 A F	MRFAB 100 F	MRFIR 100 90 F	MRFOR 100 90 F	MRFAR 100 F	MRFX 100 F	MRFT 100 F	MRFUT 100 B F	MRFR 100 K F
	150	MRFL 150 F	MRFC F	MRFB 150 A F	MRFAB 150 F	MRFIR 150 90 F	MRFOR 150 90 F	MRFAR 150 F	MRFX 150 F	MRFT 150 F	MRFUT 150 B F	MRFR 150 K F
	225	MRFL 225 F	MRFC F	MRFB 225 A F	MRFAB 225 F	MRFIR 225 90 F	MRFOR 225 90 F	MRFAR 225 F	MRFX 225 F	MRFT225 F	MRFUT 225 B F	MRFR 225 K F
	300	MRFL 300 F	MRFC F	MRFB 300 A F	MRFAB 300 F	MRFIR 300 90 F	MRFOR 300 90 F	MRFAR 300 F	MRFX 300 F	MRFT 300 F	MRFUT 300 B F	MRFR 300 K F
	450	MRFL 450 F	MRFC F	MRFB 450 A F	-	MRFIR 450 90 F	MRFOR 450 90 F	MRFAR 450 F	MRFX 450 F	MRFT 450 F	MRFUT 450 B F	MRFR 450 K F
	600	MRFL 600 F	MRFC F	MRFB 600 A F	-	MRFIR 600 90 F	MRFOR 600 90 F	MRFAR 600 F	MRFX 600 F	MRFT 600 F	MRFUT 600 B F	MRFR 600 K F



25 mm depth

(1) Other angles available to special order

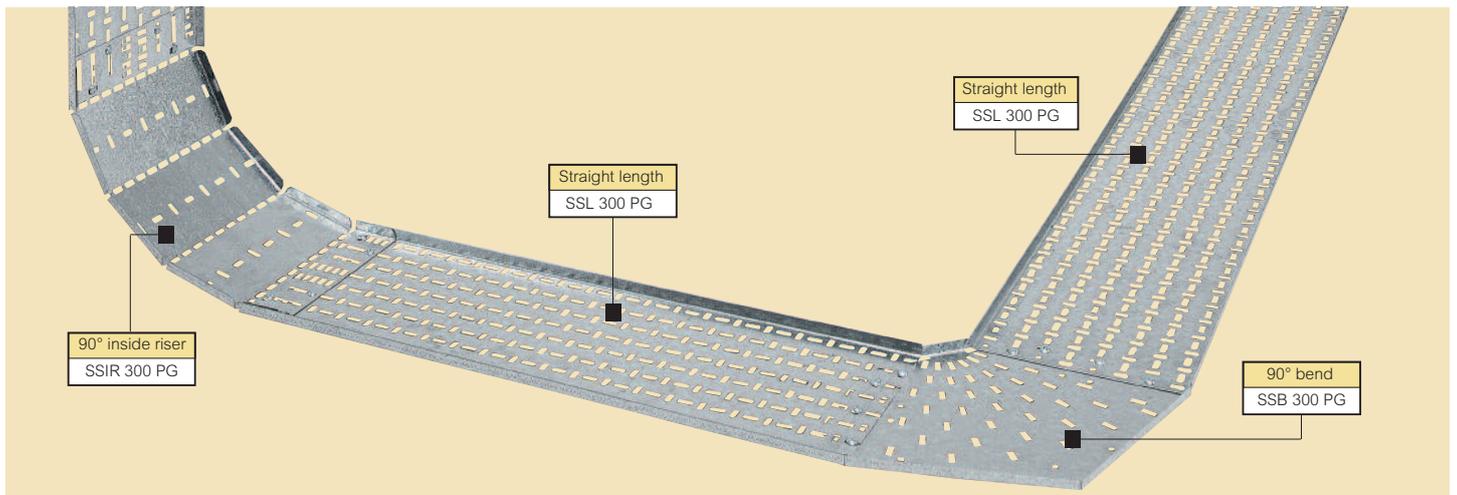
**Swifts® cable tray systems straight lengths and fittings**  
SRF heavy duty

Tray width (mm)	TRAY	FITTINGS							FITTINGS			Key : selecting SRF heavy duty fittings Replace the letters shown in red with your choice from the following options : A = Angle (°) : 45 (90 does not need to be included in order code) B = Branch width (mm) : 75, 100, 150, 225, 300, 450, 600, 750, 900 F = Finish : G (hot dip galvanised after manufacture), D (deep galvanised steel), PG (pre-galvanised steel), S (stainless steel), E (plastic coated) K = Narrowed width when using a reducer (mm) : 75, 100, 150, 225, 300, 450, 600, 750		
		Coupler sets F = finish	Flat bends <sup>(1)</sup> A = angle F = finish	Adjustable bends F = finish	Inside risers A = angle F = finish	Outside risers A = angle F = finish	Adjustable risers F = finish	4 way crosspieces F = finish	Equal tees F = finish	Unequal tees B = branch F = finish	Straight reducers K = reduced width F = finish			
SRF HEAVY DUTY	75	SRFL 75 F	SRFC F	SRFB 75 A F	SRFAB 75 F	SRFIR 75 A F	SRFOR 75 A F	SRFAR 75 F	SRFX 75 F		SRFT 75 F	SRFUT 75 B F	-	
	100	SRFL 100 F	SRFC F	SRFB 100 A F	SRFAB 100 F	SRFIR 100 A F	SRFOR 100 A F	SRFAR 100 F	SRFX 100 F		SRFT 100 F	SRFUT 100 B F	SRFR 100 K F	
	150	SRFL 150 F	SRFC F	SRFB 150 A F	SRFAB 150 F	SRFIR 150 A F	SRFOR 150 A F	SRFAR 150 F	SRFX 150 F		SRFT 150 F	SRFUT 150 B F	SRFR 150 K F	
	225	SRFL 225 F	SRFC F	SRFB 225 A F	SRFAB 225 F	SRFIR 225 A F	SRFOR 225 A F	SRFAR 225 F	SRFX 225 F		SRFT 225 F	SRFUT 225 B F	SRFR 225 K F	
	300	SRFL 300 F	SRFC F	SRFB 300 A F	SRFAB 300 F	SRFIR 300 A F	SRFOR 300 A F	SRFAR 300 F	SRFX 300 F		SRFT 300 F	SRFUT 300 B F	SRFR 300 K F	
	450	SRFL 450 F	SRFC F	SRFB 450 A F	-	SRFIR 450 A F	SRFOR 450 A F	SRFAR 450 F	SRFX 450 F		SRFT 450 F	SRFUT 450 B F	SRFR 450 K F	
	600	SRFL 600 F	SRFC F	SRFB 600 A F	-	SRFIR 600 A F	SRFOR 600 A F	SRFAR 600 F	SRFX 600 F		SRFT 600 F	SRFUT 600 B F	SRFR 600 K F	
	750	SRFL 750 F	SRFC F	SRFB 750 A F	-	SRFIR 750 A F	SRFOR 750 A F	SRFAR 750 F	SRFX 750 F		SRFT 750 F	SRFUT 750 B F	SRFR 750 K F	
900	SRFL 900 F	SRFC F	SRFB 900 A F	-	SRFIR 900 A F	SRFOR 900 A F	SRFAR 900 F	SRFX 900 F		SRFT 900 F	SRFUT 900 B F	SRFR 900 K F		

(1) Other angles available to special order

# Swifts® cable tray systems

## SS light duty



Dimensions and technical information (p. 249)  
See selection chart (p. 238-239)

Pack	Cat. Nos.	SS light duty
		<b>Straight lengths – 3 m</b> All SS straight lengths and accessories have integral couplings, no separate couplers are needed For SS tray cut to length use fishplates across tray-to-tray joint as shown For gauge detail (see p. 249)
1	SSL 50 F	50 x 12
1	SSL 75 F	75 x 12
1	SSL 100 F	100 x 12
1	SSL 150 F	150 x 12
1	SSL 225 F	225 x 12
1	SSL 300 F	300 x 18
		<b>Fittings</b> All fittings have integral fishplates No couplers required
1	SSB W F	<b>90° bends</b> 
1	SSB W A F	<b>45° bends</b> 
		<b>Risers</b> Inside and outside risers are not available in PG finish, use adjustable risers for all angles from 0° to 90°, reference SSAR width finish (see key opposite)
1	SSIR W F	<b>90° inside riser</b> 
1	SSOR W F	<b>90° outside riser</b> 

Pack	Cat. Nos.	Fittings (continued)
1	SSIR W A F	<b>45° inside risers</b>
1	SSOR W A F	<b>45° outside risers</b>
1	SSAR W F	<b>Adjustable risers</b> 
1	SSX W F	<b>4 way crosspieces</b> 
1	SST W F	<b>Equal tees</b> 
1	SSR W K F	<b>Reducers</b> 

**60° and 30° risers and 60° and 30° bends are available to special order**

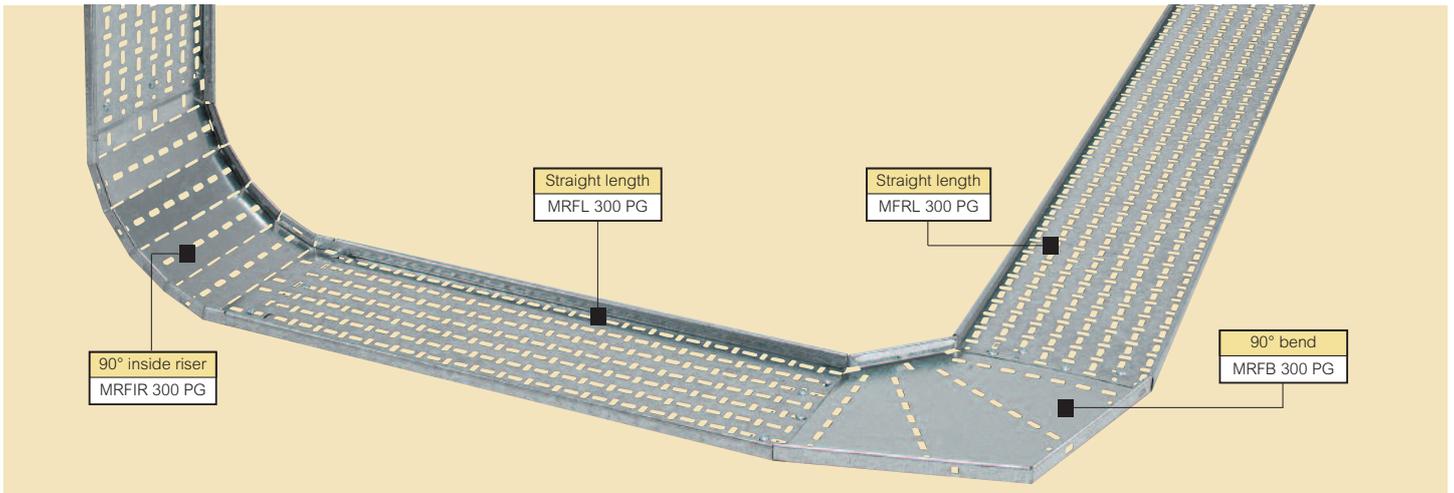
**Contact us on 0845 605 4333**

Key : selecting SS light duty fittings. Replace the letters shown in red with your choice from the following options :

W = Widths (mm) : 50, 75, 100, 150, 225, 300  
 A = Angle (°) : 45 (90 does not need to be included in order code)  
 B = Branch width (mm) : 50, 75, 100, 150, 225, 300  
 F = Finish : G (hot dip galvanised after manufacture)  
           PG (pre-galvanised), S (stainless steel)  
 K = Narrowed width when using a reducer (mm) :  
       50, 75, 100, 150, 225

# Swifts® cable tray systems

## MRF general purpose return flange



Dimensions and technical information (p. 249-250)  
See selection chart (p. 238-239)

Pack	Cat. Nos.	MRF general purpose return flange
		<b>Straight lengths – 3 m</b>
1	MRFL 50 <b>F</b>	50 x 25
1	MRFL 75 <b>F</b>	75 x 25
1	MRFL 100 <b>F</b>	100 x 25
1	MRFL 150 <b>F</b>	150 x 25
1	MRFL 225 <b>F</b>	225 x 25
1	MRFL 300 <b>F</b>	300 x 25
1	MRFL 450 <b>F</b>	450 x 25
1	MRFL 600 <b>F</b>	600 x 25
		<b>Coupler and coupler sets</b> Use to join straight lengths
		<b>Standard couplers</b>
1	MRFC 50 <b>F</b>	50 mm wide tray
1	MRFC <b>F</b>	75 - 900 mm wide tray Supplied in pairs
		<b>Quick bolt couplers</b>
1	MRQBC <b>F</b>	Supplied in packs containing 25 pairs of couplers and 100 coach bolts. For tray widths 300 mm and above use two additional coach bolts (QBF) per coupler. Not available in <b>S</b> or <b>D</b> .
1	MRQBC <b>F</b>	75 - 900 mm wide tray
1	QBF	Pack of 100 M6 x 12 coach bolts Used to secure fittings to straight lengths and used with quick bolt couplers on 300 mm and above tray widths

Pack	Cat. Nos.	Fittings (continued)
1	MR FAR <b>WF</b>	<b>Adjustable risers (inside or outside)</b>
1	MRFX <b>WF</b>	<b>4 way crosspieces</b>
1	MRFT <b>WF</b>	<b>Equal tees</b>
1	MR FUT <b>W B F</b>	<b>Unequal tees</b>
1	MRFR <b>W K F</b>	<b>Reducers</b>

Pack	Cat. Nos.	Fittings
1	MRFB <b>WF</b>	All fittings have integral coupling tabs and fishplates. No couplers required
1	MRFB <b>WAF</b>	
		<b>90° bends</b>
		<b>45° bends</b> For 50 - 300 mm wide, adjustable bends can also be used
1	MR FAB <b>WF</b>	<b>Adjustable bends</b> 50 - 300 mm wide only
1	MR FIR <b>WF</b>	<b>90° inside riser</b> For other angles, use adjustable risers. Fixed angles available to special order
1	MR FOR <b>WF</b>	<b>90° outside riser</b> For other angles, use adjustable risers. Fixed angles available to special order

**D and S finishes not available in 50 mm**  
**Additional gauges and finishes available to special order**

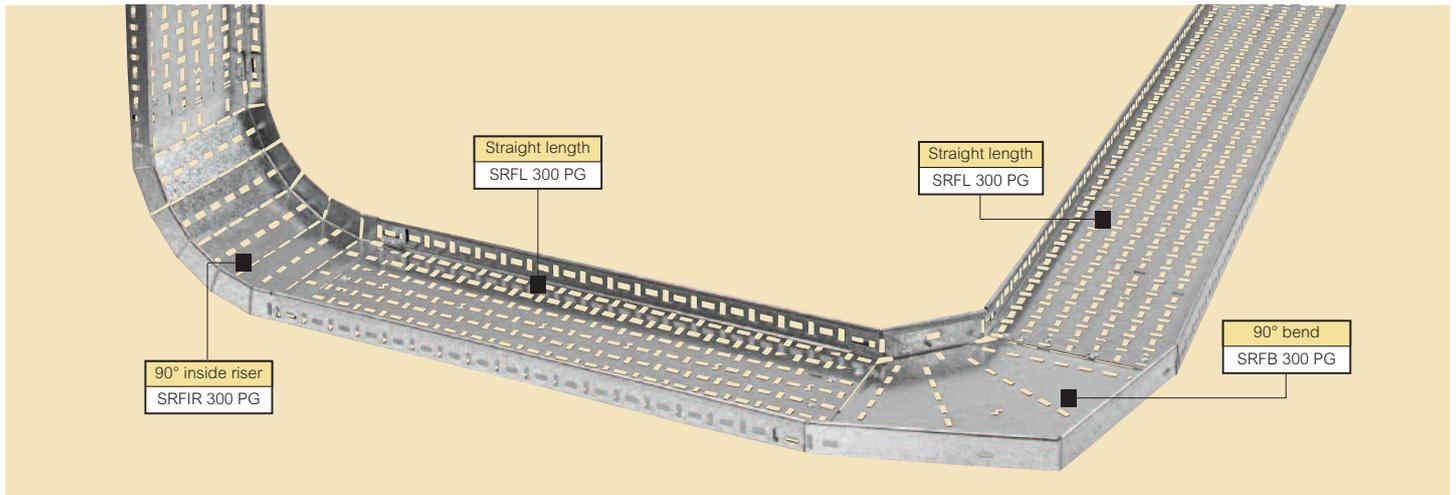
**Contact us on 0845 605 4333**

Key : selecting MRF general purpose fittings. Replace the letters shown in **red** with your choice from the following options :

**W** = Widths (mm) : 50, 75, 100, 150, 225, 300, 450, 600  
**A** = Angle (°) : 45 (90 does not need to be included in order code)  
**B** = Branch width (mm) : 50, 75, 100, 150, 225, 300, 450, 600  
**F** = Finish : **G** (hot dip galvanised after manufacture),  
**D** (deep galvanised), **PG** (pre-galvanised steel),  
**S** (stainless steel), **E** (plastic coated)  
**K** = Narrowed width when using a reducer (mm) :  
50, 75, 100, 150, 225, 300, 450

# Swifts® cable tray systems

## SRF heavy duty return flange



Dimensions and technical information (p. 250)  
See selection chart (p. 240-241)

Pack	Cat. Nos.	Heavy duty return flange
		<b>Straight lengths – 3 m</b>
1	SRFL 75 F	75 x 50
1	SRFL 100 F	100 x 50
1	SRFL 150 F	150 x 50
1	SRFL 225 F	225 x 50
1	SRFL 300 F	300 x 50
1	SRFL 450 F	450 x 50
1	SRFL 600 F	600 x 50
1	SRFL 750 F	750 x 50
1	SRFL 900 F	900 x 50
		<b>Coupler sets</b> Use to join straight lengths
		<b>Standard couplers</b>
1	SRFC F	Supplied in pairs
		<b>Quick bolt couplers</b> Supplied in packs containing 25 pairs of couplers and 100 coach bolts. For tray widths 300 mm and above use two additional coach bolts (QBF) per coupler Not available in S or D All tray widths
1	SRQBC W F	Pack of 100 M6 x 12 coach bolts
1	QBF	Used to secure fittings to straight lengths and used with quick bolt couplers on 300 mm and above tray widths

Pack	Cat. Nos.	Fittings
		All fittings have integral coupling tabs and fishplates
1	SRFB W F	<b>90° bends</b>
1	SRFB W A F	<b>45° bends</b> For 75 - 300 mm wide, adjustable bends can also be used
1	SRFAB W F	<b>Adjustable bends</b> 75 - 300mm wide only
1	SRFIR W F	<b>90° inside riser</b> For other angles, use adjustable risers. Fixed angles available to special order
1	SRFOR W F	<b>90° outside riser</b> For other angles, use adjustable risers. Fixed angles available to special order
1	SRFAR W F	<b>Adjustable risers (inside or outside)</b>

Pack	Cat. Nos.	Fittings (continued)
1	SRFAXR W F	<b>Extra long adjustable risers</b>
1	SRFX W F	<b>4 way crosspieces</b>
1	SRFT W F	<b>Equal tees</b>
1	SRFUT W B F	<b>Unequal tees</b>
1	SRFR W K F	<b>Reducers</b>

**Additional gauges and finishes available to special order**

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**Contact us on 0845 605 4333**

**Key : selecting SRF heavy duty fittings. Replace the letters shown in red with your choice from the following options :**

**W** = Widths (mm) : 75, 100, 150, 225, 300, 450, 600, 750, 900  
**A** = Angle (°) : 45 (90 does not need to be included in order code) see selection chart key (p. 240-241)  
**B** = Branch width (mm) : 75, 100, 150, 225, 300, 450, 600, 750, 900  
**F** = Finish : G (hot dip galvanised after manufacture),  
D (deep galvanised), PG (pre-galvanised steel),  
S (stainless steel), E (plastic coated)  
**K** = Narrowed width when using a reducer (mm) :  
75, 100, 150, 225, 300, 450, 600, 750

# Swifts® cable tray systems supports



Dimensions and technical information (p. 251)

Pack	Cat. Nos.	Supports
		<b>Light duty cantilever arms</b> Supplied singly without fastenings Fit horizontal runs of tray and light duty (Opal) ladder to flat surfaces and Swiftrack channel. Suitable for all tray widths, as shown
1	LCA 100 F	100 mm
1	LCA 150 F	150 mm
1	LCA 225 F	225 mm
1	LCA 300 F	300 mm
1	LCA 450 F	450 mm
1	LCA 600 F	600 mm
1	LCA 750 F	750 mm
1	LCA 900 F	900 mm
		<b>Light duty cantilever brackets</b> Supplied singly without fastenings Fit horizontal runs of lightly loaded tray up to 150 mm wide to flat surfaces and Swiftrack channel 50 - 75 mm not available in D finish 100 - 150 mm not available in D, PG or S finishes
1	LCB 50 F	50 mm
1	LCB 75 F	75 mm
1	LCB 100 F	100 mm
1	LCB 150 F	150 mm
50	CKP 25	<b>Easi-clip</b> Used to connect MRF tray to Swiftrack channel Zinc coated finish
		<b>Overhead hangers</b> Supplied singly without fastenings Support horizontal runs of lightly loaded tray up to 150 mm wide from overhead structures Use M10 threaded rod
1	OH 50 F	50 mm
1	OH 75 F	75 mm
1	OH 100 F	100 mm
1	OH 150 F	150 mm

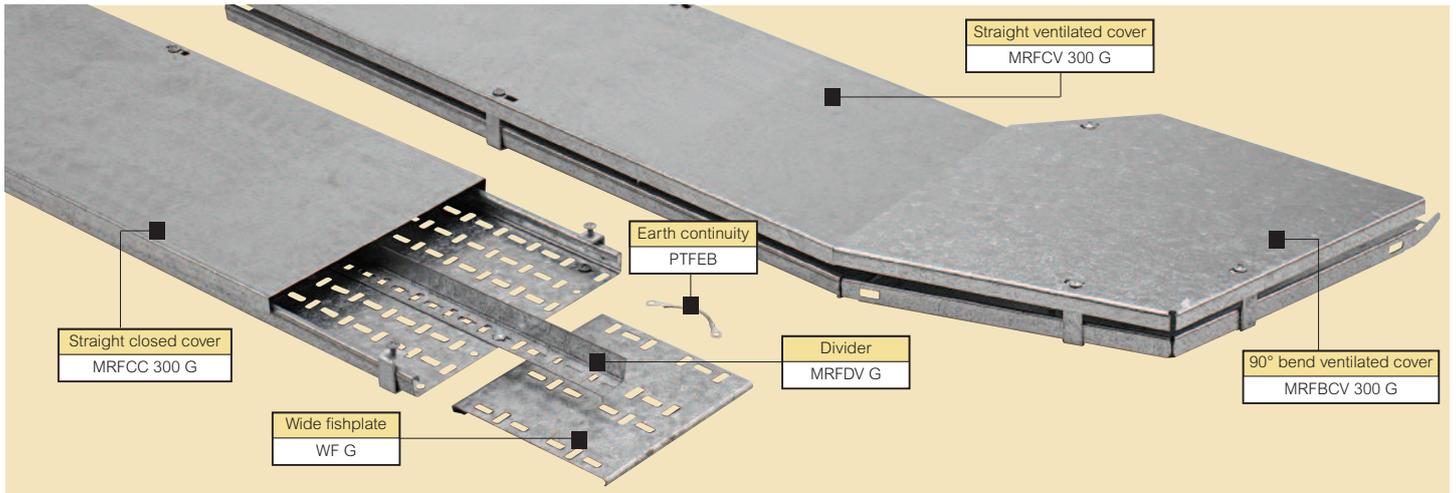
Pack	Cat. Nos.	Supports (continued)
		<b>Light duty trapeze hangers</b> Supplied singly without fastenings Support horizontal runs of tray and light duty (Opal) ladder from overhead structures Up to 450 mm wide use M10 threaded rods. For 600 mm wide and above use M12 threaded rods
1	LTH 50 F	50 mm
1	LTH 75 F	75 mm
1	LTH 100 F	100 mm
1	LTH 150 F	150 mm
1	LTH 225 F	225 mm
1	LTH 300 F	300 mm
1	LTH 450 F	450 mm
1	LTH 600 F	600 mm
1	LTH 750 F	750 mm
1	LTH 900 F	900 mm
		<b>Stand-off brackets</b> Supplied singly without fastenings Fit vertical or horizontal runs of tray to vertical surfaces, floors and Swiftrack channel
1	STB 50 F	50 mm
1	STB 75 F	75 mm
1	STB 100 F	100 mm
1	STB 150 F	150 mm
1	STB 225 F	225 mm
1	STB 300 F	300 mm
1	STB 450 F	450 mm
1	STB 600 F	600 mm
1	STB 750 F	750 mm
1	STB 900 F	900 mm

Key : selecting supports. Replace the letters shown in red with your choice from the following options :

F = Finish : G (hot dip galvanised after manufacture),  
D (deep galvanised), PG (pre-galvanised)  
S (stainless steel), E (plastic coated)

# Swifts® cable tray systems

## ancillary items



Dimensions and technical information (p. 251)

Pack	Cat. Nos.	Ancillary items
		<b>Dividers – 3 m</b> Supplied singly without fastenings Used to separate different types or groups of cable within one cable tray run 
1	MRFDV <b>F</b>	For MRF
1	SRFDV <b>F</b>	For SRF
		<b>Earth continuity connectors</b> Fastenings not included Use M6 x 12 mm roofing nuts and bolts Copper braid and copper lugs both in electroplated finish Length between centres : 93 mm Conductor area : 4 mm <sup>2</sup> 
20	PTFEB	
		<b>Straight closed covers</b> Supplied singly with fastenings and brackets 3 m lengths 
1	SSCC <b>W F</b>	For SS
1	MR FCC <b>W F</b>	For MRF
1	SR FCC <b>W F</b>	For SRF
		<b>Straight ventilated covers</b> Supplied singly with fastenings and brackets 3 m lengths 
1	SSCV <b>W F</b>	For SS
1	MR FCV <b>W F</b>	For MRF
1	SR FCV <b>W F</b>	For SRF
		<b>Accessory closed covers</b> Supplied singly with fastenings and brackets Add CC before the width of your completed accessory Cat. No. Examples shown are for an unequal tee with a 150 branch off a 300 run, hot dip galvanised 
1	SS -	For SS Example : SSUT CC 300 150 G
1	MRF -	For MRF Example : MRFUT CC 300 150 G
1	SRF -	For SRF Example : SRFUT CC 300 150 G

Pack	Cat. Nos.	Ancillary items (continued)
		<b>Accessory ventilated covers</b> Supplied singly with fastenings and brackets Add CV before the width of your completed accessory Cat. No. Examples shown are for an unequal tee with a 150 branch off a 300 run, hot dip galvanised 
1	SS -	For SS Example : SSUT CV 300 150 G
1	MRF -	For MRF Example : MRFUT CV 300 150 G
1	SRF -	For SRF Example : SRFUT CV 300 150 G
		<b>Fishplates</b> Fishplates are designed for extra strength when joining cable tray beds Supplied singly without fastenings For assembly options (see p. 251)
1	<b>F F</b>	For SS and SRF 
1	<b>WF F</b>	For SS, MRF and SRF 
		<b>Finish renovation materials</b>
1	AGALVPAIN	Galvafröid paint 400 ml
1	AEPOXPAIN	2-pack Epoxy paste 1 litre

Key : selecting ancillary items. Replace the letters shown in **red** with your choice from the following options :

**W** = Widths (mm) : 50, 75, 100, 150, 225, 300, 450, 600, 750, 900  
**B** = Branch width (mm) : 50, 75, 100, 150, 225, 300, 450, 600, 750, 900  
**F** = Finish : **G** (hot dip galvanised after manufacture)  
**D** (deep galvanised), **PG** (pre-galvanised)  
**S** (stainless steel), **E** (plastic coated)  
**K** = Narrowed width when using a reducer (mm) :  
50, 75, 100, 150, 225, 300, 450, 600, 750

# Swifts® cable tray systems

## standard fastenings



QBF



RBO612



RBGO612



RBO612 S



TR06



RC06

RWG06

Pack	Cat. Nos.	Standard fastenings	Pack	Cat. Nos.	Standard fastenings (continued)
100	QBF	<b>Coach bolts</b> High grade steel with Dacromet finish Pack of 100 M6 x 12 coach bolts Used to secure fittings to straight lengths and used with quick bolt couplers on 300 mm and above tray widths 	1 1 1 1	TR06 TR08 TR10 TR12	<b>Threaded rods</b> M6 x 3 m electroplated zinc M8 x 3 m electroplated zinc M10 x 3 m electroplated zinc M12 x 3 m electroplated zinc 
200	RB0612	<b>Roofing nuts and bolts</b> M6 x 12 electroplated zinc M6 x 16 electroplated zinc M6 x 20 electroplated zinc M6 x 25 electroplated zinc M6 x 30 electroplated zinc M6 x 40 electroplated zinc M6 x 50 electroplated zinc 	1	TR06 S	<b>Threaded rod connectors</b> M6 electroplated zinc M8 electroplated zinc M10 electroplated zinc M12 electroplated zinc 
200	RB0616		1	TR08 S	
200	RB0620		1	TR10 S	
200	RB0625		1	TR12 S	
100	RB0630		1	RC06	
100	RB0640		1	RC08	
100	RB0650	1	RC10		
100	RB0612	1	RC12		
100	RBGO612	M6 x 12 hot dip galvanised 	1		
100	RBGO616	M6 x 16 hot dip galvanised 	1		
100	RB0616 S	M6 x 16 stainless steel 	1		
100	RB0620 S	M6 x 20 stainless steel 	1		
500	RWG06	<b>Roofing washers</b> M6 hot dip galvanised 	1		

# Swifts® cable tray systems

## loading graphs

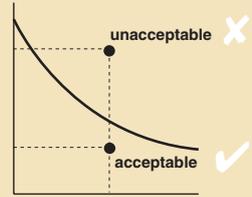
### ■ Loading graphs

The loads shown on all graphs are the safe recommended maximum loads that can be applied and must include wind, snow and any other external forces in addition to the cable load

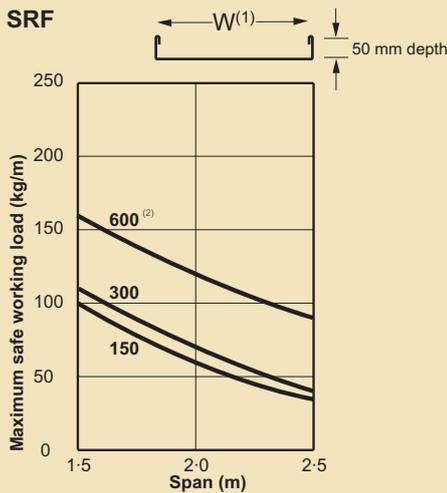
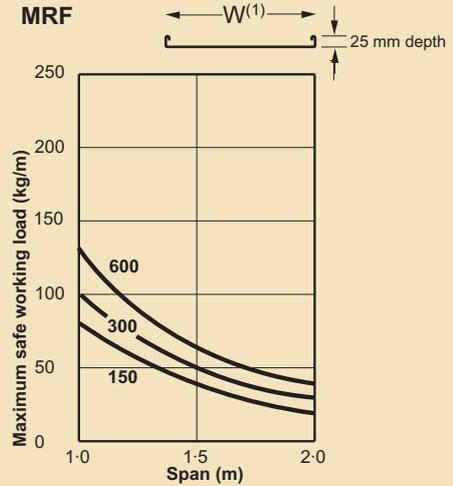
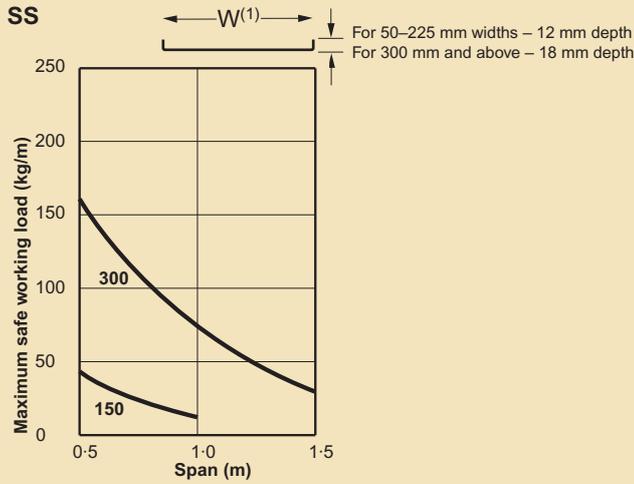
The graphs show the maximum load for tray installed at a support spacing within its recommended range

When the graph line is above the intersection of the required load and span lines, the support equipment is suitable for use within those load and span conditions

### Example



### ■ Tray section



On wider MRF and SRF trays the maximum safe working load can be increased by fitting an appropriate fishplate across the underside of each tray-to-tray joint

(1) W = For widths see selection charts (p. 238-241)  
(2) SRFL 600 – tested with fishplates

# Swifts® cable tray systems

## SS and MRF

### ■ SS light duty

#### Straight lengths



(1) W = Widths (see p. 242)

#### 50 to 225 mm



#### 300 mm



#### NOTE :

The gauge 't' for each cable tray width and finish varies by product and range  
Non-standard gauges and finishes are available to special order

For SS tray cut to length use fishplates across tray-to-tray joint (see p. 251)

50 - 300 mm width fishplate F F

#### Bends, tees and 4 way crosspieces

All bends, tees and crosspieces have 50 mm radius

#### Inside and outside fixed risers

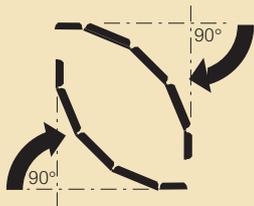
Inside and outside risers are not available in PG finish, use adjustable risers for all angles from 0° to 90°, reference SSAR W F

Width (mm)	Radius (R) (mm)
50 to 150	75
225 to 300	150

#### Adjustable risers

The adjustable riser can be used as an inside or outside riser for any angle up to 90°

Minimum radius = 200 mm  
Maximum radius = 300 mm  
Overall length when flat = 554 mm

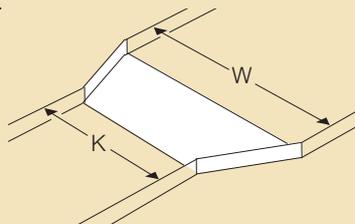


#### Reducer

To create the Cat. No., add the main run width (W), to the reduced run width (K) and the finish

#### EXAMPLE :

For a hot dip galvanised reducer reducing from 300 mm to 150 mm : SSR 300 150 G.



### ■ MRF general purpose

#### Straight lengths



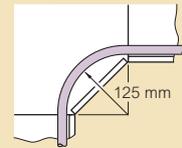
#### NOTE :

The gauge 't' for each cable tray width and finish varies by product and range  
Non-standard gauges and finishes are available to special order

For trays 450 mm wide and greater, the addition of fishplate WF F across the underside of the tray-to-tray joint provides added strength and increases the safe working load

#### Bends, tees and 4 way crosspieces

Minimum cable radius = 125 mm

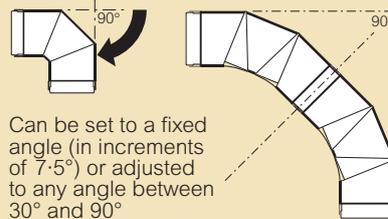


#### Inside and outside fixed risers

All fixed risers radius = 260 mm

#### Adjustable bends

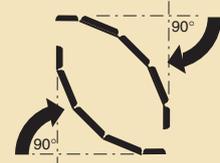
Not available in 450 mm widths and above  
Use fixed item instead e.g. MRFB 450 30 G



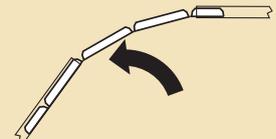
#### Adjustable risers

The adjustable riser can be used as an inside or outside riser for any angle up to 90°

Minimum radius = 200 mm  
Maximum radius = 300 mm  
Overall length when flat = 554 mm



Avoid the need for cutting by inserting as many segments as necessary into the end of the straight tray



# Swifts® cable tray systems

## MRF and SRF

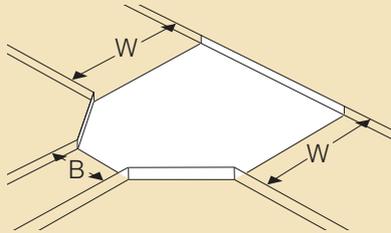
### ■ MRF general purpose (continued)

#### Unequal tees

To create the Cat. No., add the main run width (**W**), the branch width (**B**) and the finish

EXAMPLE :

For a hot dip galvanised unequal tee reducing from 300 mm to 150 mm : MRFUT 300 150 G

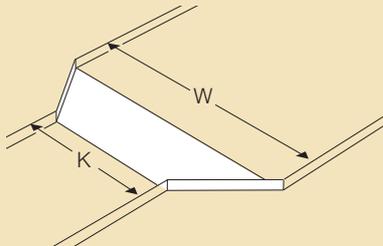


#### Reducers

To create the Cat. No., add the main run width (**W**), the reduced run width (**K**) and the finish

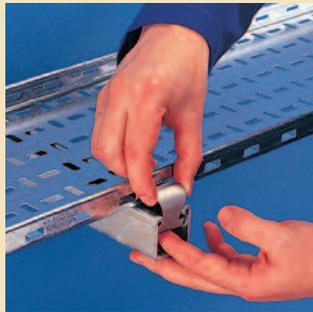
EXAMPLE :

For a hot dip galvanised reducer reducing from 300 mm to 150 mm : MRFR 300 150 G



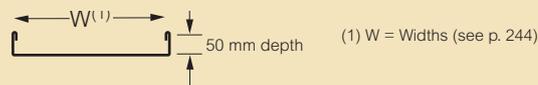
#### Easi-clip

Slide the Easi-clip into Swiftrack channel (one per flange) and a simple 'one-click' movement will secure the tray  
No additional fastenings are needed  
Not recommended for use where external loads are anticipated



### ■ SRF heavy duty

#### Straight lengths



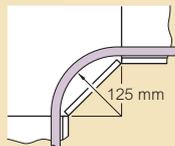
NOTE :

The gauge 't' for each cable tray width and finish varies by product and range  
Non-standard gauges and finishes are available to special order

For trays 450 mm wide and greater, the addition of fishplate WF F across the underside of the tray-to-tray joint provides added strength and increases the safe working load

#### Bends, tees and 4 way crosspieces

Minimum cable radius = 125 mm

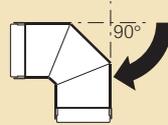


#### Inside and outside fixed risers

All fixed risers radius = 260 mm

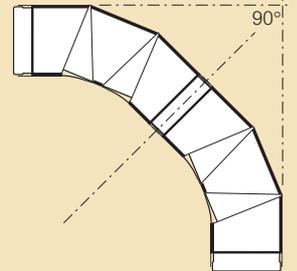
### Adjustable bends

Not available in 450 to 900 mm widths  
Use fixed item instead e.g. SRFB 450 45 G



Can be set to a fixed angle (in increments of 7.5°) or adjusted to any angle between 30° and 90°

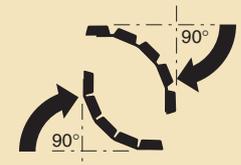
Form a large 90° bend by using 2 adjustable bends together



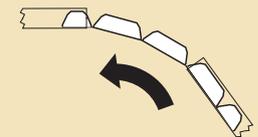
### Adjustable risers

The adjustable riser can be used as an inside or outside riser for any angle up to 90°

Minimum radius = 200 mm  
Maximum radius = 300 mm  
Overall length when flat = 554 mm



Avoid the need for cutting by inserting as many segments as necessary into the end of the straight tray



### Extra long adjustable risers

The extra long adjustable riser can be used as an inside or outside riser for any angle up to 90°

Minimum radius = 200 mm  
Maximum radius = 650 mm  
Overall length when flat = 1087 mm



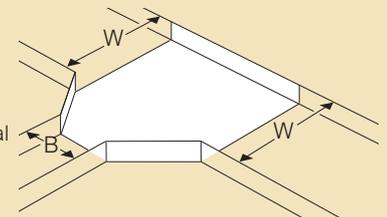
Ideal for avoiding obstacles on site

### SRF Unequal tees

To create the Cat. No., add the main run width (**W**), the branch width (**B**) and the finish

EXAMPLE :

For a hot dip galvanised unequal tee reducing from 300 mm to 150 mm : SRFUT 300 150 G

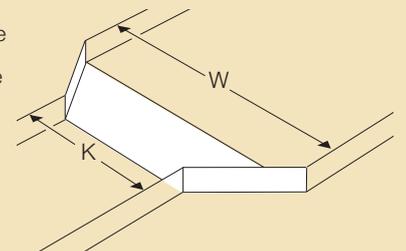


### Reducers

To create the Cat. No., add the main run width (**W**), the reduced run width (**K**) and the finish

EXAMPLE :

For a hot dip galvanised reducer reducing from 300 mm to 150 mm : SRF R 300 150 G.

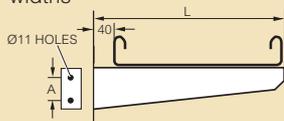


# Swifts® cable tray systems supports

## Light duty cantilever arms

Supplied singly without fastenings  
Fit horizontal runs of tray and light duty (Opal) ladder to flat surfaces and Swiftrack channel. Suitable for all tray widths

Cat. Nos.	A	L	SWL (kgf <sup>(1)</sup> ) surface
LCA 100 F	30	140	120 <sup>(2)</sup>
LCA 150 F	30	190	120 <sup>(2)</sup>
LCA 225 F	45	265	150
LCA 300 F	45	340	150
LCA 450 F	75	490	150
LCA 600 F	125	640	300
LCA 750 F	175	790	300
LCA 900 F	225	940	300



- (1) Per cantilever arm for load uniformly distributed across complete arm using two fixing holes  
Safety factor : 2
- (2) When one fixing hole is used the recommended safe working load = 100 kgf

## Light duty cantilever brackets

Supplied singly without fastenings  
Fit horizontal runs of lightly loaded tray up to 150 mm wide to flat surfaces and Swiftrack channel



Cat. Nos.	A	L	SWL (kgf <sup>(3)</sup> )	
			surface	Swiftrack
LCB 50 <sup>(3)</sup> F	37	50	15	15
LCB 75 <sup>(3)</sup> F	37	75	15	15
LCB 100 <sup>(4)</sup> F	45	105	20	20
LCB 150 <sup>(4)</sup> F	45	150	20	20

- (3) 50 - 75 mm not available in D finish
- (4) 100 - 300 mm not available in D, PG and S
- (5) Per bracket for load uniformly distributed across complete bracket

## Overhead hangers

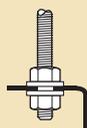
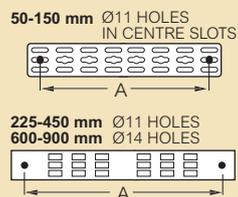
Supplied singly without fastenings  
Support horizontal runs of lightly loaded tray up to 150 mm wide from overhead structure. Use M10 threaded rod

Cat. Nos.	SWL (kgf <sup>(6)</sup> )
OH 50 F	25
OH 75 F	50
OH 100 F	50
OH 150 F	50

- (6) Per hanger for load uniformly distributed across tray width  
Safety factor : 2

## Light duty trapeze hangers

Supplied singly without fastenings. Support horizontal runs of tray and light duty (Opal) ladder from overhead structures. Up to 450 mm wide use M10 threaded rods. For 600 mm wide and above use M12 threaded rods



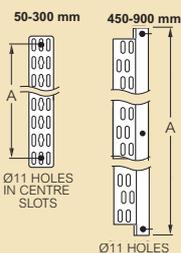
Trapeze hanger to threaded rod fixing

Cat. Nos.	A	SWL (kgf <sup>(7)</sup> )
LTH 50 F	75	100
LTH 75 F	112	100
LTH 100 F	150	100
LTH 150 F	187	100
LTH 225 F	280	200
LTH 300 F	355	270
LTH 450 F	505	300
LTH 600 F	660	300
LTH 750 F	810	300
LTH 900 F	960	300

- (7) Per hanger for load uniformly distributed across complete hanger  
Safety factor : 2

## Stand-off brackets

Supplied singly without fastenings. Fit vertical or horizontal runs of tray to vertical surfaces, floors and Swiftrack channel



Central hole in flange equispaced on 600 to 900 mm wide brackets

Cat. Nos.	A	SWL (kgf <sup>(8)</sup> )	
		horizontal tray run	vertical tray run
STB 50 F	82	40	—
STB 75 F	120	40	—
STB 100 F	157	40	—
STB 150 F	195	40	—
STB 225 F	273	100	—
STB 300 F	349	100	—
STB 450 F	485	150	150
STB 600 F	635	150	150
STB 750 F	785	150	150
STB 900 F	935	150	150

- (8) Per stand-off bracket for load uniformly distributed across the tray

## Ancillary items and standard fastenings

### Dividers

Supplied singly without fastenings. Used to separate different types or groups of cable within one cable tray run

### Earth continuity connectors

Fastenings not included. Use M6 x 12 mm roofing nuts and bolts  
Copper braid and copper lugs both in electroplated finish.  
Length between centres : 93 mm. Conductor area : 4 mm<sup>2</sup>

### Straight closed covers

Supplied singly with fastenings and brackets. Covers 600 mm and above are overlap jointed and dimpled for rigidity  
SSL light duty tray closed covers are only available in widths 300 mm and above

### Straight ventilated covers



Supplied singly with fastenings  
3 m lengths  
Covers 600 mm and above are overlap jointed and dimpled for rigidity  
SS ventilated covers are only available in widths 75 mm and above

### Accessory closed covers

Supplied singly with fastenings and brackets  
SSL light duty tray closed covers are only available in widths 300 mm and above

### Accessory ventilated covers

Supplied singly with fastenings and brackets  
SS ventilated covers are only available in widths 75 mm and above

### Fishplates

Supplied singly without fastenings. Fishplates are designed for use when joining larger widths of MRF and SRF cable tray and all widths of SS cable tray which have been cut to length.

They fit across the underside of the tray joint to provide added strength and increase the safe working load. They also greatly enhance the lateral rigidity of the joint and prevent unevenness in the bed between adjacent trays

Tray range	Tray width	Cat. No.
SS	50-300	F F
MRF	450-600	WF F
SRF	450-900	WF F