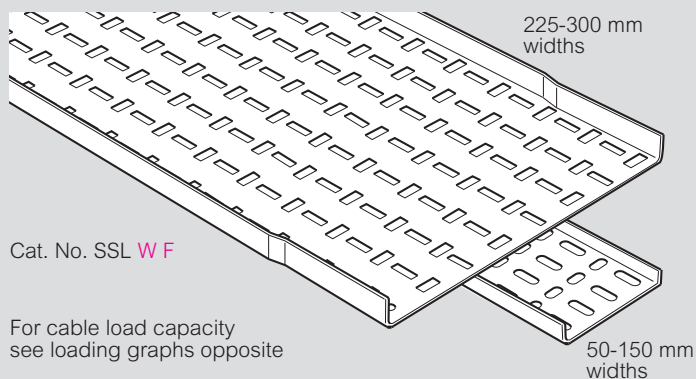
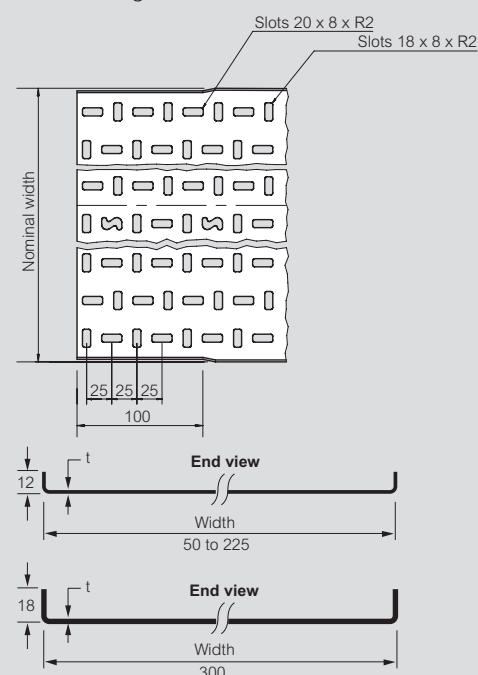


### ■ Dimensions and weights



### Dimensions

Standard length 3 m



R = radius

### Gauges and weights

The gauge 't' for each cable tray width and finish can vary by product and range

Non-standard gauges and finishes are available to special order, contact us on +44 (0) 345 605 4333

| Cat. Nos. | Width (mm) | Weight (kg) | Gauge t (mm) |
|-----------|------------|-------------|--------------|
| SSL50G    | 50         | 1.4         | 0.9          |
| SSL50PG   | 50         | 1.2         | 0.9          |
| SSL50S    | 50         | 1.7         | 1.2          |
| SSL75G    | 75         | 1.8         | 0.9          |
| SSL75PG   | 75         | 1.7         | 0.9          |
| SSL75S    | 75         | 2.2         | 1.2          |
| SSL100G   | 100        | 2.3         | 0.9          |
| SSL100PG  | 100        | 2.1         | 0.9          |
| SSL100S   | 100        | 2.9         | 1.2          |
| SSL150G   | 150        | 3.3         | 0.9          |
| SSL150PG  | 150        | 2.8         | 0.9          |
| SSL150S   | 150        | 4.1         | 1.2          |
| SSL225G   | 225        | 5.2         | 0.9          |
| SSL225PG  | 225        | 4.8         | 0.9          |
| SSL225S   | 225        | 7.4         | 1.5          |
| SSL300G   | 300        | 10.4        | 1.5          |
| SSL300PG  | 300        | 9.0         | 1.4          |
| SSL300S   | 300        | 10.0        | 1.5          |

### ■ Loading graphs

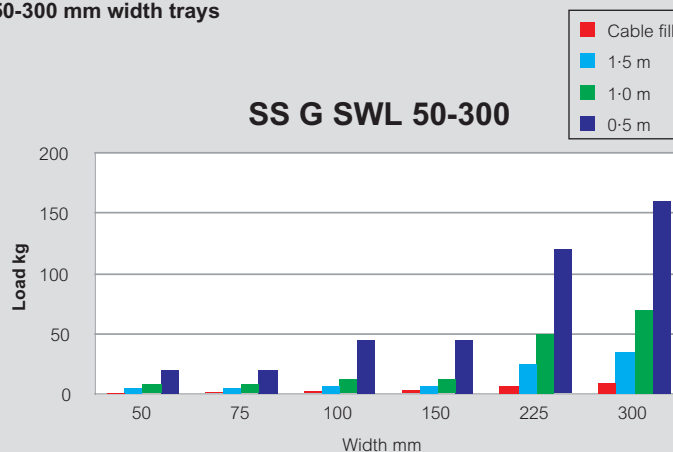
Load tests carried out to BS EN 61537 and shown in kg/m

Cable fill figure is the maximum physical load of cables that can be fitted into tray and is based on 1700 kg/m³ as detailed in the BEAMA "Best Practice guide to cable ladder and cable tray systems"

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 graph shows the maximum load for tray installed at a support spacing within its recommended range

#### 50-300 mm width trays



### ■ Finishes and standards

#### Standard stocked finish :

- G** Hot dip galvanised after manufacture to BS EN ISO 1461 : 2009
- PG** Pre-galvanised steel to BS EN 10346 : 2009 grade DX51D

#### Additional finishes :

- S** Stainless steel to BS EN 10088 – 2 grade 1.4404 (equivalent to 316L31)



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

All dimensions (mm) are nominal

Key : Replace the letter shown in red with your choice from the following options :

**F** = Finish : **G** (hot dip galvanised after manufacture), **PG** (pre-galvanised steel), **S** (stainless steel)

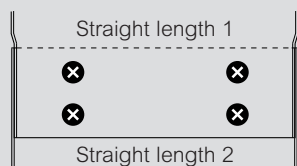
➔ Fishplates : see p. 105

# Swifts® SS light duty

straight lengths (continued)

12  
or  
18

## Coupling detail



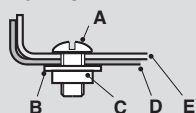
All SS straight lengths have one end joggled to allow jointing without a separate coupler, see illustration. Slide joggled end of length 1 inside length 2 before fastening.

### Note

Quantity of bed fasteners  
50 - 225 mm = 4, 300 mm = 6

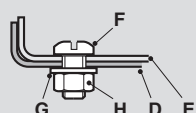
### Fasteners (not included)

For G and PG finish



- A M6 x 12 roofing bolt
- B Roofing washer
- C M6 square nut
- D Straight length
- E Straight length
- F M6 x 12 panhead screw
- G M6 form A washer
- H M6 hexagon nut

For S finish



### Fastener finishes

For flat bends with G and PG finishes, fasteners are galvanised or zinc plated. For flat bends with S finish, fasteners are stainless steel

Key : Replace the letter shown in red with your choice from the following options :

F = Finish : G (hot dip galvanised after manufacture),  
PG (pre-galvanised steel), S (stainless steel)

All dimensions (mm) are nominal