

# Swiftrack channel support system

## channels and channel nuts



Typical applications (p. 134-135)  
Dimensions and technical information (p. 99-101)  
Design notes (p. 112)

Channel and brackets are manufactured to BS 6946 – specifications for metal channel cable support systems for electrical installations and calculations for loading are in accordance with BS 5950 : Part 5 1998 structural use of steelwork in buildings, code of practice for cold formed thin gauge sections

Pack	Cat. Nos.	Single channels - plain
		The standard finish for channel is pre-galvanised mild steel to BS EN 10346 For other finishes add the appropriate suffix G = hot dip galvanised after manufacture to BS EN ISO 1461 S = stainless steel to BS EN 10088 2 grade 1.4404 (equivalent to S316L31) Channels SC210 and SC410 are not available in S finish Examples : SC200 3M G for hot dip galvanised SC400 3M S for stainless steel For technical information, see p. 99
1	SC200 3M	<b>Standard channel</b> 41 x 21 mm, 3 m length
1	SC200 6M	41 x 21 mm, 6 m length
1	SC400 3M	<b>Light gauge channel</b> 41 x 41 mm, 3 m length
1	SC400 6M	41 x 41 mm, 6 m length
1	SC210 3M	41 x 21 mm, 3 m length
1	SC410 3M	41 x 41 mm, 3 m length

Pack	Cat. Nos.	Back-to-back channel
1	SC401 3M	For technical information see p. 100 41 x 83 mm, 3 m length
1	SC401 6M	41 x 83 mm, 6 m length

**Other fasteners and finishes available to special order**

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Pack	Cat. Nos.	Single channels - slotted
		For technical information, see p. 99
1	SC203 3M	<b>Standard channel</b> 41 x 21 mm, 3 m length
1	SC203 6M	41 x 21 mm, 6 m length
1	SC403 3M	<b>Light gauge channel</b> 41 x 41 mm, 3 m length
1	SC403 6M	41 x 41 mm, 6 m length
1	SC213 3M	41 x 21 mm, 3 m length
1	SC413 3M	41 x 41 mm, 3 m length

Pack	Cat. Nos.	Channel nuts
		For use with all channel M12 channel nuts should always be used for maximum load conditions The standard finish for all nuts is zinc plated to BS 3382 : Part 2 For stainless steel, add the suffix S Example : PN101S For hot dip galvanised, add the suffix G Example : PN101G Fasteners : Use hexagon head setscrews (see p. 29) For technical information, see p. 101

Pack	Cat. Nos.	Long springs
100	PN061	For use with 41 mm deep channel
100	PN081	M6
100	PN101	M8
100	PN121	M10
		M12
Pack	Cat. Nos.	Short springs
100	PN062	For use with 21 mm deep channel
100	PN082	M6
100	PN102	M8
100	PN122	M10
		M12
Pack	Cat. Nos.	No springs
100	PN060	For use on all channel depths
100	PN080	M6
100	PN100	M8
100	PN120	M10
		M12