Cat6A Slim-Line 30AWG Patch Leads

STERLING

Copper



Key features:

- 30AWG S/FTP LSZH cable 4.5mm OD
- Ultra slim and flexible strain relief boot
- Fully shielded RJ45 plug with copper foil
- Reduces capacity in the rack by 50%
- Supports 10Gb Ethernet
- 5 colours, manufactured to any length

Product overview

The Sterling range of slim-line Cat6A patch leads are an ideal solution for high density patching applications such as Data Centres and telecoms rooms. Our leads are less than 50% of the size of traditional patch cords while still maintaining component level performance and superior EMI/RFI protection. Each lead has an ultra slim-line strain relief boot with highly flexible latch protection designed to further reduce the capacity in the rack and ease the installation process when re-patching.

Each lead is 100% tested, we can manufacture to your desired length with a choice of 5 colours in an approximate 2-3 working week lead time

Ordering information

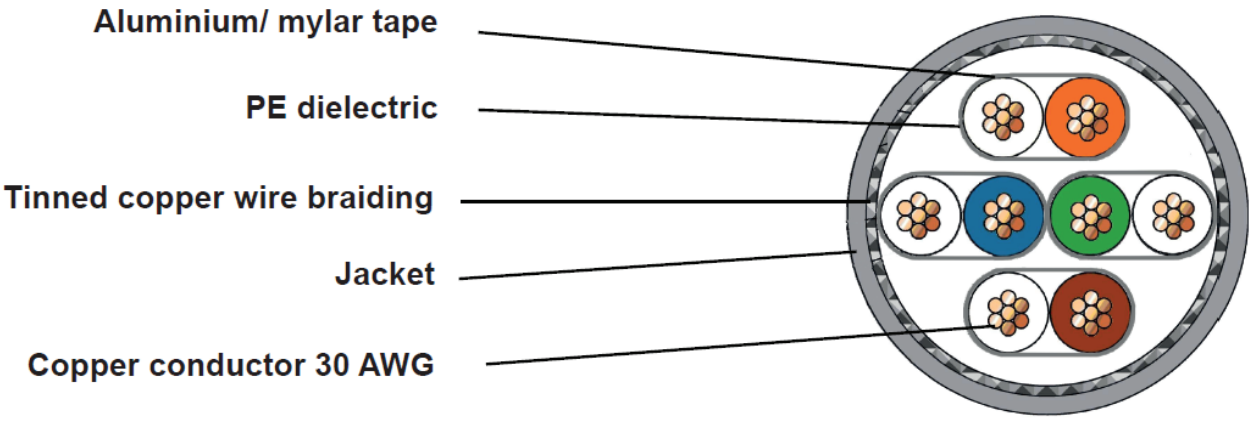
Part number	C6A-PCSL-**-LENGTH
** Denotes colour	
Red:	RD (RAL 3000)
Green:	GN (RAL 6018)
Orange:	OR (RAL 2003)
White/Grey	WH (RAL 9003)
Blue:	BL (RAL 5012)

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Reference standards: IEC 61156-6, ANSI/TIA -568-C.2

Cable construction

Conductor:	Stranded plain anneal bare copper wire 7/0.1mm +/- 0.006mm
Insulation:	Polyethylene, 0.7 +/- 0.05mm
Twisting:	4 x twisted pair WH/BL, WH/OR, WH/GR, WH/BR
Individual shielding:	A layer of aluminium-foil tape wrapped over pairs
Shielding:	Tinned copper wire braiding, with min. 35% coverage
Outer diameter:	4.5 +/-0.3 mm

Electrical/mechanical properties

Cable bend radius:	≥ 4x0D w/o load ≥ 8x0D with load
Temperature range:	During operation -20° C up to 60°C,
DC resistance:	Max. 35.4 Ohm/100 m @ 20 °C
Resistance unbalance:	max. 2 % @ 20 °C
Insulation resistance (500V):	min. 5000 MOhm / Km at 20°c
Mutual capacitance:	nom. 5.1 nf / 100 m at 1 kHz
Capacitance unbalance:	max. 160 pf/ 100 m at 1 kHz
Nominal velocity of propogation:	nom. 67 %
Test voltage (DC, 1 min): :	1kV/1min

STERLING SYSTEM 25 YEARS WARRANTY

STERLING REGISTERED INSTALLER

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