PATCH CABLES

CAT 5e - UTP Patch Cables & Cross-Over Patch Cables

Part Number

STRO	—	
PL	—	PL - Patch Lead
C5E	—	C5E - CAT5E
Length	—	0.5 - 0.5mm 1 - 1 mtr 2 - 2mtr
Colour	—	BL - Blue GN - Green RD - Red WH - White YL - Yellow

EXAMPLE:	Part Number	STROPLC5E0.5BL	CAT5E 0.5 BLUE

Stronglink's Category 5e patch cables and cross-over cables are factory manufactured using premium quality stranded conductor UTP cable and low crosstalk modular plugs and are fully tested to ensure consistent high performance. The patch cords are suitable cabling wired in T568A or T568B configurations. Cross-over cables are suitable for direct hub to hub or PC to PC connections. The Category 5e patch cables have been designed for high-speed voice & data applications and exceed all ANSI/TIA/EIA 568B, ISO/IEC 11801 and AS/NZS 3080 Standards requirements. The Jack can be used together with Category 5e cable and accessories to construct a channel with Category 5e/Class D performance.

Features

▶ Available in 7 Standard lengths from 0.5m - 10m

▶ Patch cables available in a choice of 5 cable colours with matching boots

▶ Cross-over cables and boots are red for easy identification

▶ 8-position unscreened modular plug (RJ45) with 50 microinches of gold over nickel contacts

▶ Suitable for Category 5e/Class D channels

▶ Fully Standards and ACA compliant

▶ UL certified Cat 5e performance

Performance

▶ AS/NZS 3080: 2003

▶ AS/ACIF S008: 2001

▶ ISO/IEC 11801: 2002

▶ ANSI/TIA/EIA-568-B.2

Approvals

▶ UL Certified Category 5e

▶ ACA Compliant (N476)

Technical Specifications

MECHANICAL	VALUE
Plug insertion durability	≥ 750 mating cycles
Cable to plug tensile strength	≥ 89 N
ELECTRICAL	
Plug insulation resistance	≥ 500M Ω
Plug contact resistance	≤ 10 m Ω
Plug DC resistance	≤ 1 Ω
Plug current rating	≥ 1.5 A
Plug dielectric withstanding voltage	≥ 1KV RMS
PHYSICAL	
Cable diameter	5.4 mm ± 0.2mm
Cable conductor	24 AWG stranded bare copper wire
Cable sheath	CM grade PVC
Plug	Meets FCC part 68 and IEC 603-7
Plug/boot material	Plug flame retardant plastic, UL94V-O; boot PVC
Plug contacts	Phosphor bronze with 50μ inches gold over nickel plating
Operating temperature range	-10°C to 60°C
SUPPORTED	
Voice	
ISDN	Basic & Primary Access
Token Ring	4/16/100 Mbps
ATM	25/52/155 Mbps
Ethernet	10BASE-T
Fast Ethernet	100BASE-TX/T2/T4
Gigabit Ethernet	1000BASE-T
Broadband video	

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