

CAT5E Unscreened PVC/LSZH Patch Cords



Physical

Conductor

Material: bare copper
Diameter: $7 \times 0.18 \pm 0.005 \text{ MM}$
AWG: 25

Insulation

Material: HDPE
Diameter: $0.98 \pm 0.06 \text{ MM}$

Out Jacket

Material: PVC/LSZH
Color: optional
Thickness: 0.8MM
Diameter: $6.1 \pm 1.0 \text{ MM}$

DIAGRAM & DESCRIPTION

OPTiLite Category 5 UTP patch leads are manufactured and tested to ISO & EN requirements for patch cord assemblies. Using these OPTiLite patch cords will ensure the installed cabling system is compliant with the TIA/EIA, ISO & EN channel specification requirements, and will provide optimum performance levels of your OPTiLite Category 6 cabling.

A choice of lengths and colours are available, colour coded slimline molded boots suitable for use in high density routers or switch blades are standard and each cable is supplied individually bagged. Each cable has a low smoke zero halogen outer sheath as standard and ideal for use in office and data centre environments.

Environmental:

Operating temperature: -20°C to 65°C

Electrical

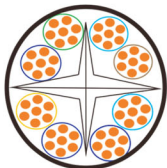
Voltage: 150v
Current: 1.5A
Dielectric withstanding voltage: 1000V RMS

Plug

Material: PC, Contact Material: Phosphor Bronze
Contact Plating: Gold
Contact Resistance: $\leq 20\text{m}\Omega$, Operating Life: $\geq 750\text{s}$

Standard

ISO/IEC 11801
IEC 61156 - 5
EN 50173
EN 50288
TIA/EIA 568-C.2



Application

155 Mbps ATM,
100BASE-TX,
VoIP

System Warranty:

The OPTiLite Cabling System Warranty provides a 25-year product and applications assurance of compliance with the industry performance standard appropriate to the class of cabling installed. The warranty may be applied for by an accredited OPTiLite Partner who has designed, supplied and installed the said system.

