

APPLICATION

RJ45 network patch cord is terminated with RJ45 connectors and supports 10Base-T, 100Base-T and 1000Base-T. This cable is the cost-effective solution for data center applications. Design for computers, hubs, switches, routers, DSL/cable modems and patch panels in Gigabit datacenter applications.



SPECIFICATION

Product Type

Shielding Type	Unshielded (UTP)
Termination End	Transparent 8P8C RJ45 connector both end
Reference Standard	TIA/EIA-568B.2-1;ISO/IEO 11801;NEC/CEC

Conductor

Material	Copper or CCA
Conductor Dia.	7/0.16mm, 7/0.14mm, 7/0.12mm, 7/0.1mm, 7/0.08mm
Wire gauge	26AWG, 28AWG, 30AWG, 32AWG optional

Insulation

Material	HDPE
Diameter	0.9+/-0.05mm
Color(4 Pairs)	Orange,white/orange; green,white/green; blue,white/blue; brown,white/brown

Jacket

Material	PVC or LSZH
Diameter	3.8-6.0mm
Color	Blue/Black/Gray/Red/Green/Yellow/White/Purple

Mechanical Characteristics

Installation Temperature	-10°C to 70°C
Retention	50 N (11 lbf) for 60±5 s
Tensile strength	≥ 20 N per wire
Mating cycle life	Min 750 cycles
Minimum bend radius	4 outer cable diameters

General

Length	0.3m - 50m or As per requested
Package	Inner with PE Bag, outer with carton
Rip Cord	Yes
Drain Wire	No