

APPLICATION

Cat6 patch cord is terminated with RJ45 connectors and it provides easy release, saving time on frequently plug and unplug. Cat6 patch cord is perfect for superior electrical and mechanical performance for Gigabit networks applications in Customer Premises, Data Centers and Central Offices. Cat6 patch cord cable will have a capability to transfer digital data speed up to 250 MHz.



SPECIFICATION

Product Type

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

Conductor

Material	CCA (20% copper + 80% aluminum)
Conductor Dia.	7/0.2mm Stranded
Wire gauge	24AWG

Insulation

Material	HDPE
Diameter	0.92+/-0.05mm
Color(4 Pairs)	Orange,white/orange; green,white/green; blue,white/blue; brown,white/brown

Jacket

Material	PVC
Diameter	6.0+/-0.05mm
Color	Blue/Black/Gray/Red/Green/Yellow/White/Purple

Mechanical Characteristics

Installation Temperature	0°C to +50°C
Operating temperature	-10°C to +50°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

Standard Bandwidth	250MHz
Length	0.3m - 50m or As per requested
Package	Inner with PE Bag, outer with carton
Rip Cord	Yes
Drain Wire	No