

## PART CODE:- QCTN-C6PC5

## UTP PATCH CORD

Q-Connect Cat-6 patch cords are high-quality four-pair twisted stranded cables terminated with RJ45 modular plugs at both ends. It is a TIA/EIA-568-C.2 standard transmission. As streaming video and multimedia over LAN are gaining popularity, users demand faster data transmission and reduced waiting time. Q-Connect cables are ideal for simple, cost-effective and high-speed transmission performance. They support a higher signal-to-noise ratio, providing better reliability for current applications and higher data rates for future applications.

### MODULAR CONNECTOR/PLUG

- Contact Blade : Copper/Alloy
- Temperature Range : -20° to 75°C
- Dielectric with standing voltage : >500M 1000 DC/Min
- Insulation Resistance : 1000V DC/MIN, < 05A
- Connector Type : RJ45
- Cable Length : 5mtr



### FEATURES

- Comply with Cat6 specifications
- The cable consists of 4 unshielded twisted pairs
- Pairs are braided in aluminum foil
- ideal for various networking
- Both end RJ 45 connector for joint
- Just Plug & Play
- Offering robust performance while minimizing electromagnetic interference.
- Pairing of Multi Color ( Green x white, Blue x white, Orange x white, Brown x white )

TECHNICAL SPECIFICATION			
CONSTRUCTION		ELECTRICAL PARAMETER	
Conductor	23 AWG Solid Annealed Bare Copper Conductor	Conductor Resistance at 20°C	93.80Ω/Km (Maximum)
Conductor Diameter	0.485±0.015mm	Resistance Unbalance	5% (Maximum)
Insulation	0.20mm & 1.00±0.10mm	Insulation Resistance	>500MΩ/Km AT 500 VDC
Insulation Diameter	1.00 ± 0.10mm	Dielectric Strength	0.700KV AC for 1 Minute
Insulation Thickness	0.20mm	Spark Test	1.0 KV AC for 0.15Seconds
Pairs LAY-UP	All of the 4Pairs twisted together	Mutual Capacitance	<5.6 nF/100M
RIP CORD	Yes	NVP	69%
Color of Sheath	Grey or As per customer requirement	Impedance	100 ± 15%
Outer Sheath Material	PVC JACKETING	Capacitance Unbalance Pair/Ground	330PF/100M

