



## Copper Structured Cabling Pass-through Coupler UTP

Pass-through Keystone Jacks are available in UTP. Performances of our couplers in both CAT5e and CAT6 meet and exceed the industry standard TIA/EIA 568-B.

Cat5e and Cat6 pass-through couplers fit into Linxcom UTP 24 ports keystone jack panels.



### Features & Benefits

- Complete patching solution if combined with keystone jack patch panel
- Meets the requirement proposed by TIA /EIA 568 B .2
- Applicable for Linxcom's approved installer 25 year product warranty

### Applications

- POTS, T1&Tq fractional
- ASDN basic & primary rate
- 4/16 Mbps Token Ring (IEEE802.5)
- 10 BASE-T (IEEE802.3)
- 100 Mbps TP-PMD
- 52/155 Mbps ATM (ATM Forum)
- 100 BASE-T4 (Fast Ethernet)
- 100 VG-Any LAN (IEEE802.12)
- 100 BASE-T (Fast Ethernet)
- 1 Gbps Ethernet

### Colouring

Pair 1	Pair 2	Pair 3	Pair 4
Blue, Blue/White	Orange, Orange/White	Green, Green/White	Brown, Brown/White

### Performance

Insertion Life	750 cycles minimum
IDC Life	200 times (22-26 AWG solid wire) minimum
Contact Material	Phosphor Bronze, Gold Plating (0.5mm)
IDC Material	Phosphor Bronze stamp pin (0.35mm)
Contactors	Sn6.5-0.1 (Y)
Gold Coating	15u", 30u", 50u"
Silver Coating	0.5um
Copper Conductor	0.4~0.64mm
Housing Material	PC UL94V-0
Conformance	EIA/TIA 568A/B wiring standards, ISO/IEC 11801:2002, EIA/TIA 568B.2.1:2002, RoHS



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### Electrical & Environmental Characteristics

Contact Resistance	≤20mΩ
Insulation Resistance	500mΩ
Dielectric Density	DC 1000V, no spark over & fly arc in 1 min
Operating Temperature	-20°C~+70°C
Relative Humidity	Max 95% at 20°C

### Ordering Information

Using the available configurations amend/create a part number using the formula below.

Construction		Pass-through Coupler	
UTP (Unshielded Twisted Pair)	UTP	Pass-through Coupler	PTC
UTP	5E	PTC	BLK
Category		Length	
Category 5e (CAT5e)	5E	White (UTP Only)	WHT
Category 6 (CAT6)	6	Black (UTP Only)	BLK

Example: **UTP5EPTCBLK** – Category 5e UTP Pass-through Coupler Black

For any queries, please contact the Linxcom team using the details below.