

Category 6 UTP

Keystone Jack

Norden Category 6 UTP punch down keystone Jack gives optimum protection from electromagnetic interference from an outside source. These Jacks are designed to reduce the Insertion loss & alien cross talk in order to provide maximum flexibility and high performance for all 10G Ethernet applications and are available in a 90° orientation with back interconnection of Dual Style IDC blocks in universal pin/pair as signment. 90° orientation provides perfect termination .This is tested to 250 MHz range over 100m and supports T568 A&B wiring & easy installation. The Jack is manufactured with an integral cable strain relief. They can be installed into a number of faceplates and unloaded shuttered modules and backward Compatible with category 5e/class D system components.



COMPLIANCE

IEEE 802.af, IEEE 802.3at for PoE applications.
ANSI/TIA/EIA-568-C.2, ISO/IEC11801
EN50173-2 Category 6 standards

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DESIGN & MATERIALS

Colour	Blue or Others Available Upon Request
Size	35.1mm X 17.1mm X 25.2mm
Rj45 Port	11.8mm X 9.8mm
Angle	90 / 180 Degree
Temperature- Storage	-40°C - +70°C
Temperature- Operation	0°C - +65°C
Housing Material	High Impact, Flame-Retardant Plastic Compound, UI 94 V-0.
IDC Type	Dual (110 Or Krone) Type
IDC Wire Gauge	22-26 AWG, Solid or Stranded
Colour Coding	As Per 568 A/B Standard
Spring Wire	Phosphor Bronze Alloy Plated With 50 Micro-Inch Of Gold Over 70-100 Micro-Inch Of Nickel
IDC	Phosphor Bronze Alloy With 100 Micro-Inch 100% Nickel Plating
Conductor Termination	>200
Insulation Diameter	0.7-1.6mm



STANDARDS

Flammability Rating	UL 94 V-0LSZH
Safety Rating	UL 1863

ELECTRICAL DATA

Current Rating	1.5A
Insulation Resistance	500 M Ω min 100 V d.c.
Voltage Rating	230V rms Max
Dielectric Voltage	1000 V dc or ac., 60 Hz for 1 min (Contact-Contact)
Plug/Jack Contact Resistance	20 m Ω per contact
Input /Output Resistance	200m Ω max.
IDC Contact Resistance	<5 m Ω max

MECHANICAL & TRANSMISSION DATA

Insertion/Extraction Life	750 Cycles minimum
Retention	50 N
Propagation Delay	2.5ns max./1-250MHz
Propagation Delay Skew	1.25ns max./1-250 MHz
Coupling Attenuation	35 dB @ 30 - 250 MHz

B&C Fiber Group duplex patch leads are manufactured in our own modern facilities from the highest quality optical fiber, terminated with ceramic ferrule connectors of various types. Cable preparation, termination and performance testing is carried out to strictly managed procedures, with high focus on quality control.

All B&C Fiber optical products are 100% optical tested and come with a test certificate. Our products are conform with all industry typical standards: **IEC, EIA, TIA or Telcordia**