

# CATEGORY 5E FTP / STP KEYSTONE JACK TOOL LESS

Norden Category 5E STP keystone jacks exceed category 5E performance with component and channel performance to 100 MHz can be used in unloaded patch panels, faceplates, and shutters, in a variety of colour options. These Jacks are designed to reduce the Insertion loss & Alien crosstalk in order to provide maximum flexibility and high performance for all 1G Ethernet. This supports T568 A&B wiring & easy installation. The jack is manufactured with an integral cable strain relief.



## COMPLIANCE

IEEE 802.af, IEEE 802.3at for PoE applications.  
ANSI/TIA-568-C.2, ISO/IEC-11801  
EN 50173-2 Category 5e standards

## DESIGN & MATERIALS

Size	26.2 mm x 17 mm x 35.1 mm
RJ45 Port	11.8 mm x 9.8 mm
Angle	180 D
Temperature -Storage	-40°C to +68°C
Temperature -Operation	-10°C to +60°C
Operating Humidity	10% - 90% RH
Housing Material	Zinc Alloy
Plastic Parts	High impact flame retardant plastic
IDC Wire Gauge	23-26 AWG, Solid
Colour Coding	As Per 568 A/B Standard
Spring Wire	Phosphor bronze gold over nickel plating
IDC	Phosphor bronze gold over nickel plating
Insulation Diameter	0.7 - 1.6 mm

## STANDARDS

Flammability Rating	UL 94 V-0
Safety Rating	UL 1863

## ELECTRICAL DATA

Current Rating	1.5 Amps
Insulation Resistance	≥ 500 MΩ
Voltage Rating	230 V rms Max.
Dielectric Voltage	DC 1000V / AC 750V 1min
Plug/Jack Contact Resistance	20 MΩ per contact
Input /Output Resistance	200 MΩ max.
IDC Contact Resistance	≤ 10 MΩ
DC Resistance	≤ 0.1Ω

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### MECHANICAL & TRANSMISSION DATA

Insertion/Extraction Life	≥750 Cycles
Durability	200 Termination Cycles
Retention	50 N
Propagation Delay	2.5 ns max./1-100 MHz
Propagation Delay Skew	1.25 ns max./1-100 MHz
Coupling Attenuation	35 dB @ 30 - 100 Mhz

### TRANSMISSION PERFORMANCE DATA OF CHANNEL

Freq. MHz	Attenuation dB/100m @ 20°C	NEXT dB	PSNEXT dB	RL dB
1	1.8	73.8	71.8	25.0
4	3.6	64.8	62.8	28.0
10	5.8	55.3	53.3	28.0
20	8.3	53.8	52.8	28.0
31.25	10.5	50.9	48.1	27.8
60	15.3	46.4	44.6	26.1
100	19.8	43.3	41.3	25.0

### ORDERING INFORMATION

Part Number	Description
122-22T1800	Category 5E FTP/STP Keystone Jack Tool Less 180D

X: BK(Black), BL(Blue), GN(Green), GY(Gray), RD(Red), WH(White), YL(Yellow)

### PACKING INFORMATION

Part Number	Packing Qty.	Packing Mode	N.W (kg)	G.W (kg)	Dimension (mm)
122-22T1800	50 x 20 x 1	Carton Box	38.0	42.0	620 x 420 x 430