

CAT6 UTP TOOLLESS CONNECTOR

Category 6 Toolless Connectors exceed Category 6 long lasting highperformance and full support of all present and emerging applications, including 1000BASE-T (Gigabit-Ethernet). High quality overall shield provides excellent EMC (Electro Magnetic Compatibility), minimizing radiation and maximizing noise immunity, ensures long term resistance to corrosion from humidity, extreme temperatures, and airborne contaminants. Tested up to 250 Mhz over 100m. These are mainly used for patch-cord termination.



COMPLIANCE

IEEE 802.af, IEEE 802.3at for PoE applications.
ANSI/TIA-568-C.2 and ISO/IEC-11801 (2nd Edition),
EN50173-2 Category 6 Standards, IEC 60603-7-3

DESIGN & MATERIALS

Contact Carrier Material	High impact, Flame-retardant plastic compound, UL 94 V-0
Plug Contact Material	Phosphor Bronze
Contact Surface Material	Gold over Nickel
Temperature Range	-40 °C to +60 °C @ 0-90 % RH (Non Condensing)
Wire Gauge	22-26 AWG
Supported Cable Dia	6-9mm

ELECTRICAL CHARACTERISTICS

Insulation Resistance	>500M Ω
Contact Resistance	<20m Ω
Dielectric Strength	DC 1000V (AC700V)
Return Loss @ 250 MHz	>8.0 dB
Insertion Loss @ 250 MHz	35.9 dB
Next Loss @ 250 MHz	>33.1 dB
Attenuation	<555ns

ORDERING INFORMATION

Part Number	Description
12T-31X	Category 6 UTP Toolless Connector

X: CL(Clear), ST(Steel), GD(Golden)

PACKING INFORMATION

Part Number	Packing Qty.	Packing Mode	N.W (kg)	G.W (kg)	Dimension (mm)
12T-31X	1000 x 10 x 1	Carton Box	7.0	9.0	620 x 420 x 430