

CAT 8 SHIELDED TOOL-LESS FIELD TERMINATION PLUG

Category 8 Shielded Toolless Connectors designed to support 25GBase-T or 40GBase-T transmission and meets the ANSI/TIA standards. High quality overall shield provides excellent EMC (Electromagnetic Compatibility), minimizing radiation and maximizing noise immunity, ensures long term resistance to corrosion from humidity, extreme temperatures, and airborne contaminants.



COMPLIANCE

IEEE 802.af, IEEE 802.3at for PoE applications
ANSI/TIA-568.2-D and ISO/IEC-11801 (2nd Edition)

FEATURES

Tool-free RJ45 network connector.
Compatible for solid inner conductor (23 AWG to 26 AWG)

DESIGN & MATERIALS

Contact Carrier Material	High impact, Flame-retardant plastic compound, UL 94 V-0
Plug Contact Material	Phosphor Bronze
Contact Surface Material	30µ Gold Plating over Nickel
Overall Shield	Corrosion resistant Die-Cast Zinc Alloy casing

MECHANICAL CHARACTERISTICS

Plug Insertion Life	≥750 cycles
Durability	250 termination cycles
Operating Temperature	-20°C to +70°C
Storage Temperature	-40°C to +68°C
Operating Humidity	10% to 90% RH

ELECTRICAL CHARACTERISTICS

Insulation Resistance	≥500 MΩ
Contact Resistance	≤10 mΩ
DC Resistance	≤ 0.1 Ω
Dielectric Strength	DC 1000V / AC 750V 1min
Current Rating	1.5 amps

ORDERING INFORMATION

Part Number	Description
12T-62X	Cat 8 Shielded Tool-less Field Termination Plug