CRESNET-P

Cresnet® Control Cable, Plenum

The Cresnet® bus is the communications backbone for many Crestron® keypads, lighting controllers, shade motors, sensors, and other devices. Cresnet is a simple, yet flexible 4-wire network that provides bidirectional communication and 24VDC power for Cresnet devices. Cresnet allows for both homerun and daisy-chain wiring topologies, with cable lengths up to approximately 3000 feet (915 meters) per run.

Within a single plenum-rated polymer jacket, CRESNET-P contains (1) 18 AWG pair for 24VDC and Ground, and (1) 22 AWG shielded twisted pair for control data. CRESNET-P is available in three colors: teal, orange, or black.

For non-plenum applications, use CRESNET-NP, CRESNET-HP-NP, or CRESNET-DM-NP.

SPECIFICATIONS

Data Pair

Colors: Blue/white
Conductors: (2) 22 AWG (0.33 mm²) stranded bare copper, twisted
Insulation: Foam FEP
Shield: Aluminum/Polyester (100% coverage)
Drain: (1) 24 AWG (0.20 mm²) stranded tinned copper
Capacitance: 12.5 pF/ft (41 pF/m), nominal
Impedance: 100 Ohms, nominal

Power Pair

Colors: Red/black
Conductors: (2) 18 AWG (0.82 mm²) stranded bare copper
Insulation: Plenum polymer
Shield: none

Outer Jacket

Material: Plenum polymer
Thickness: 0.015 inch (0.381 mm) nominal
Outer Diameter: 0.216 inch (5.487 mm) nominal
Color Options: Teal w/yellow stripe, orange w/black stripe, or black w/yellow strip

Compliance

NEC Article 800; UL Subject 444, Type CMP; CSA Type CMP; NFPA 262; CSA FT6 (Steiner Tunnel test); RoHS

MODELS & ACCESSORIES

Available Models

CRESNET-P-TL-SP1000: Cresnet® Control Cable, Plenum-Rated, Teal, 1000 ft (304 m) spool
CRESNET-P-TL-SP500: Cresnet® Control Cable, Plenum-Rated, Teal, 500 ft (152 m) spool
CRESNET-P-OR-SP500: Cresnet® Control Cable, Plenum-Rated, Orange, 500 ft (152 m) spool
CRESNET-P-BK-SP500: Cresnet® Control Cable, Plenum-Rated, Black, 500 ft (152 m) spool

Notes:

This product may be purchased from an authorized Crestron dealer. To find a dealer, please contact the Crestron sales representative for your area. A list of sales representatives is available online at www.crestron.com/salesreps or by calling 800-237-2041.

The specific patents that cover Crestron products are listed online at: patents.crestron.com.

Certain Crestron products contain open source software. For specific information, please visit www.crestron.com/opensource.

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