

CRESNET-HP-NP

Cresnet® “High-Power” Control Cable, Non-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.

Cresnet “High-Power” control cable features extra-large conductors for power and ground to support devices that draw a large amount of power over the Cresnet bus. Within a single non-plenum PVC jacket, CRESNET-HP-NP contains (1) 12 AWG pair for 24VDC and Ground, and (1) 22 AWG shielded twisted pair for control data.



SPECIFICATIONS

Data Pair

Colors: Blue/white

Conductors: (2) 22 AWG (0.33 mm²) stranded bare copper, twisted

Insulation: Foam Polyolefin

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) 12 AWG (3.31 mm²) stranded bare copper

Insulation: PVC

Shield: none

Outer Jacket

Material: PVC

Thickness: 0.040 inch (1.02 mm) nominal

Outer Diameter: 0.330 inch (8.38 mm) nominal

Color: Teal w/brown stripe

Compliance

NEC Article 800; UL Subject 13, Type CM; CSA Type CMG; RoHS

MODELS & ACCESSORIES

Available Models

CRESNET-HP-NP-TL-SP1000: Cresnet® “High-Power” Control Cable, Non-Plenum, Teal, 1000 ft (304 m) spool

CRESNET-HP-NP-TL-SP500: Cresnet® “High-Power” Control Cable, Non-Plenum, Teal, 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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