

CRESNET-P-WH-SP1000

Cresnet® Control Cable, Plenum, White, 1000 ft (304 m) spool



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 home run and daisy-chain wiring topologies, with cable lengths up to 3000 ft (915 m) 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.

Specifications

Data Pair

Colors	Blue/white
Conductors	(2) 22 AWG (0.33 mm ²) stranded bare copper, twisted
Insulation	FEP; Thickness: 0.012 in. (0.305 mm), nominal; Outer Diameter: 0.053 in. (1.346 mm), nominal
Shield	Aluminum/Polyester (100% coverage)
Drain	(1) 24 AWG (0.20 mm ²) stranded tinned copper

Power

Colors	Red/black
Conductors	(2) 18 AWG (0.82 mm ²) stranded bare copper
Insulation	Plenum polymer; Thickness: 0.010 in. (0.254 mm), nominal; Outer Diameter: 0.068 in. (1.727 mm), nominal
Shield	None

Outer Jacket

Material	Plenum polymer
Thickness	0.020 in. (0.381 mm) nominal
Outer Diameter	0.19 in. (4.83 mm) nominal

Environmental

Temperature -4° to 167°F (-20° to 75°C)

Weight

30 lb (13.6 kg)/1000 ft (304.8 m)

Compliance

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

Model

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This product may be purchased from select authorized Crestron dealers and distributors. To find a dealer or distributor, please contact the Crestron sales representative for your area. A list of sales representatives is available online at www.crestron.com/How-To-Buy/Find-a-Representative or contact us for additional information by visiting www.crestron.com/contact/our-locations for your local contact.

The original language version of this document is U.S. English. All other languages are a translation of the original document.

The product warranty can be found at www.crestron.com/warranty.

The specific patents that cover Crestron products are listed online at www.crestron.com/legal/patents.

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

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