

CRESNET-NP-WH-B500

Cresnet® Control Cable, Non-Plenum, White, 500 ft (152 m) box



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 approximately 3000 feet (915 meters) per run. Within a single non-plenum PVC jacket, CRESNET-NP 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	Polyethylene; Thickness: 0.015 in. (0.381 mm), nominal; Outer Diameter: 0.059 in. (1.499 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	PVC; Thickness: 0.010 in. (0.254 mm), nominal; Outer Diameter: 0.066 in. (1.676 mm), nominal
Shield	None

Outer Jacket

Material	PVC
Thickness	0.032 inch (0.813 mm) nominal
Outer Diameter	0.25 in. (6.35 mm) nominal

Environmental

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

Weight

16 lb (7.3 kg)/500 ft (152.4 m)

Compliance

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