



**Product:** [189841](#)

RS485, 1 Pr #24 Str TC, PE Ins, OS+TC Brd, PVC Jkt, CCA Armor, PVC Jkt, CM

### Product Description

RS-485, 1 Pair 24AWG (7x32) Tinned Copper, PE Insulation, Overall Beldfoil®+Tinned Copper Braid(90%) Shield, PVC Inner Jacket, Continuous Cast Aluminum Armor, PVC Outer Jacket, CM

### Technical Specifications

**Suitable Applications:** exposure to rodent, crush, or cut through force, burial, POS, serial communication (RS-485 standard) comprising of PLCs, VFDs, HMIs, motors, RTU, SCADA, etc. within noisy environments over long distance, outdoor such as solar, lighting, etc.

#### Conductor

Element	Number of Element	AWG	Stranding	Material
Pair(s)	1	24	7x32	TC - Tinned Copper

#### Insulation

Element	Material	Thickness	Color Code
Pair(s)	PE - Polyethylene	0.023 in	White/Blue Stripe & Blue/White Stripe

#### Outer Shield Material

Shield Type	Material	Coverage	Drainwire Type
Tape + Braid	Bi-Laminate (Alum+Poly) + Tinned Copper (TC)	100% + 90%	24 AWG (7x32) TC

#### Inner Jacket Material

Material	Nom. Diameter
PVC - Polyvinyl Chloride	0.232 in

#### Armor

Armor Type & Material
CCA - Continuously Corrugated Aluminum Armor

#### Outer Jacket Material

Material	Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.050 in	0.515 in

Cable Diameter (Nominal): 0.515 in

#### Electricals

Element	Characteristic Impedance
Pair(s)	120 Ohm

#### High Frequency (Nominal/Typical)

Element
Pair(s)

#### Voltage

UL Voltage Rating
300 V (CM)

**Environmental Suitability:** Sunlight Resistance

**NEC / UL Compliance:** Article 800, CM

CEC / C(UL) Compliance:	CM
Update and Revision:	Revision Number: 0.37 Revision Date: 09-30-2020

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