



Product: [139843](#)

RS485, 3 Pr #24 Str TC, PE Ins, OS+TC Brd, PVC Jkt, SIA Armor, PVC Jkt, CM

Product Description

RS-485, 3 Pair 24AWG (7x32) Tinned Copper, PE Insulation, Overall Beldfoil®+Tinned Copper Braid(90%) Shield, PVC Inner Jacket, Steel Interlock 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)	3	24	7x32	TC - Tinned Copper

Insulation

Element	Material	Thickness	Color Code
Pair(s)	PE - Polyethylene	0.022 in	White/Blue Stripe & Blue/White Stripe, White/Orange Stripe & Orange/White Stripe, White/Green Stripe & Green/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	0.360 in

Armor

Armor Type & Material
SIA - Steel Interlock Armor

Outer Jacket Material

Material	Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.050 in	0.650 in

Cable Diameter (Nominal): 0.650 in

Electricals

Element	Characteristic Impedance
Pair(s)	120 Ohm

High Frequency (Nominal/Typical)

Element
Pair(s)

Voltage

UL Voltage Rating
300 V (CM)

Table Notes: -40C CSA

Environmental Suitability: Sunlight Resistance

NEC / UL Compliance:	Article 800, CM
CEC / C(UL) Compliance:	CMG
Update and Revision:	Revision Number: 0.34 Revision Date: 09-30-2020

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