



Product: [153105A](#)

RS-485, 1 Pr, 22AWG, Str TC, PE Ins, OS+TC Brd, PVC Jkt, CST, PVC Jkt, CMG, PLTC, Sun Res

Product Description

RS-485, 120 Ohm, 1 pair 22AWG (7x30) tinned copper Datalene® insulaton, Overall Foil + 65% Tinned Copper Braid, PVC Jacket, Corrugated Steel Tape, PVC jacket, CMG, PLTC, SUN RES

Technical Specifications

Suitable Applications: harsh environment, IIoT, factory or process automation, video, audio, data communication, etc.

Conductor

Element	Number of Element	AWG	Stranding	Material
Pair(s)	1	22	7x30	TC - Tinned Copper

Insulation

Element	Material	Thickness	Color Code	Notes
Pair(s)	PE - Polyethylene (Foam)	0.029 in	White/Blue Stripe & Blue/White Stripe	HDPE

Outer Shield Material

Shield Type	Material	Coverage	Drainwire Type
Tape + Braid	Bi-Laminate (Alum+Poly) + Tinned Copper (TC)	100% + 65%	22 AWG (7x30) TC

Inner Jacket Material

Material	Nom. Diameter
PVC - Polyvinyl Chloride	0.281 in

Armor

Armor Type & Material
CST - Corrugated Steel Tape

Outer Jacket Material

Material	Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.050 in	0.460 in

Cable Diameter (Nominal): 0.460 in

Electricals

Element	Characteristic Impedence	Nom. Velocity of Prop.
Pair(s)	120 Ohm	78%

High Frequency (Nominal/Typical)

Element
Pair(s)

Voltage

UL Voltage Rating
300 V (CMG, PLTC)

Table Notes:	-40C
Environmental Suitability:	Sunlight Resistance
NEC / UL Compliance:	Article 725, Article 800, CMG, PLTC

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

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