



**Product:** [153079A](#)

Profibus, 1 Pr #22 Str BC, PE Ins, OS+TC Brd, PVC jkt, CST, PVC Jkt, PLTC CM Profibus DP

**Product Description**

Profibus, 1 Pair 22AWG (7x30) Bare Copper, PE Insulation, Overall Beldfoil®+Tinned Copper Braid(65%) Shield, PVC Inner Jacket, Steel Corrugated Tape, PVC Outer Jacket, PLTC CM SUN RES Profibus DP

**Technical Specifications**

**Product Overview**

Suitable Applications:	harsh environment, outdoors, data transmission applications such as Profibus DP or PA, Instrumentation and computer cable, etc. exposure to temperature extremes, humidity/moisture, dust, and oil.
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**Construction Details**

**Conductor**

Element	Number of Element	AWG	Stranding	Material
Pair(s)	1	22	Solid	BC - Bare Copper

**Insulation**

Element	Material	Thickness	Color Code	Notes
Pair(s)	PE - Polyethylene (Foam)	0.035 in	Red & Green	Flame Retardant, Foam w/ skin

**Outer Shield Material**

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

**Inner Jacket Material**

Material	Nom. Diameter
PVC - Polyvinyl Chloride	0.315 in

**Armor**

Armor Type & Material
CST - Corrugated Steel Tape

**Outer Jacket Material**

Material	Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.050 in	0.500 in

Cable Diameter (Nominal):	0.500 in
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**Electrical Characteristics**

**Electricals**

Element	Characteristic Impedence	Nom. Velocity of Prop.
Pair(s)	150 Ohm	78%

**High Frequency (Nominal/Typical)**

Element
Pair(s)

## Voltage

<b>UL Voltage Rating</b>
300 V (CM, PLTC)

## Standards and Compliance

Environmental Suitability:	Sunlight Resistance
NEC / UL Compliance:	Article 725, Article 800, CM, PLTC
CEC / C(UL) Compliance:	CM

## History

Update and Revision:	Revision Number: 0.39 Revision Date: 02-16-2021
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