



**Product:** [123079E](#)

Profibus, 1 Pr #22 Str BC, PE Ins, OS+TC Brd, PVC jkt, AIA, 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, Aluminum Interlock Armor, PVC Outer Jacket, PLTC CM SUN RES Profibus DP

### Technical Specifications

**Suitable Applications:** exposure to rodent, crush, or cut through force, 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.

#### Conductor

Element	Number of Element	AWG	Stranding	Material
Pair(s)	1	22	7x30	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	0.314 in

#### Armor

Armor Type & Material
AIA - Aluminum Interlock Armor

#### Outer Jacket Material

Material	Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.045 in	0.608 in

Cable Diameter (Nominal): 0.608 in

#### Electricals

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

#### High Frequency (Nominal/Typical)

Element
Pair(s)

#### Voltage

UL Voltage Rating
300 V (CM, PLTC)

**Environmental Suitability:** Sunlight Resistance

**NEC / UL Compliance:** Article 725, Article 800, CM, PLTC

CEC / C(UL) Compliance:	CM
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