



Product: [3079T](#)

Profibus, 1 Pr #22 Sol BC, PE Ins, OS+TC Brd, LSZH-TP Jkt, PLTC-ST1 CMG-ST1 Profibus DP

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Product Description

Profibus, 1 Pair 22AWG (Solid) Bare Copper, PE Insulation, Overall Beldfoil®+Tinned Copper Braid(65%) Shield, Low Smoke Zero Halogen Outer Jacket, PLTC-ST1 CMG-ST1 SUN RES Profibus DP

Technical Specifications

Suitable Applications: shipboard, 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	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%

Outer Jacket Material

Material	Thickness	Nom. Diameter
LSZH - Low Smoke Zero Halogen (Flame Retardant)	0.100 in	0.430 in

Cable Diameter (Nominal): 0.430 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 (CMG-ST1, PLTC-ST1)

Temperature

UL Rating	Operating
75°C	-20°C to +75°C

Bend Radius

Stationary Min.
4.3 in

Bulk Cable Weight: 87 lbs/1000ft
 NEC / UL Compliance: Article 725, Article 800, CMG-ST1, PLTC-ST1

Notes:	Siemens Sinec L2 Cable
Update and Revision:	Revision Number: 0.247 Revision Date: 09-30-2020

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