

3126A Multi-Conductor - DeviceBus® for Square D/Seriplex®



For more Information
please call

1-800-Belden1



General Description:

16, 22 and 12 AWG stranded tinned copper conductors, foam HDPE insulation (control), foam HDPE insulation (data), PVC insulation (power), overall Beldfoil® shield (100% coverage), 22 AWG stranded (7x30) tinned copper drain wire, PVC jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material	Dia. (mm)
2	16	26x30	TC - Tinned Copper	1.524
2	22	7x30	TC - Tinned Copper	0.762
2	12	65x30	TC - Tinned Copper	2.286

Total Number of Conductors: 6

Insulation

Insulation Material:

Insulation Material	Wall Thickness (mm)	AWG
HDPE - High Density Polyethylene	0.635	16
HDPE - High Density Polyethylene	1.016	22
PVC - Polyvinyl Chloride	0.4064	12

Outer Shield

Outer Shield Material:

Outer Shield Trade Name	Type	Outer Shield Material	Coverage (%)
Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100

Outer Shield Drain Wire AWG:

AWG	Stranding	Drain Wire Conductor Material
22	7x30	TC - Tinned Copper

Outer Shield Drain Wire Diameter: .030

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

Overall Cable

Overall Cabling Lay Length & Direction:

Length (mm)	Direction
101.5996	Left Hand

Overall Cabling Separator Material: Foamed Polypropelene Tape

Overall Nominal Diameter: 12.344 x 9.220 mm

Mechanical Characteristics (Overall)

Operating Temperature Range: -20°C To +75°C

Non-UL Temperature Rating: 75°C

Bulk Cable Weight: 156.261 Kg/Km

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Max. Recommended Pulling Tension: 1165.430 N

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification: CL2, CM

CEC/C(UL) Specification: CM

EU Directive 2011/65/EU (ROHS II): Yes

EU CE Mark: Yes

EU Directive 2000/53/EC (ELV): Yes

EU Directive 2002/95/EC (RoHS): Yes

EU RoHS Compliance Date (mm/dd/yyyy): 01/01/2004

EU Directive 2002/96/EC (WEEE): Yes

EU Directive 2003/11/EC (BFR): Yes

CA Prop 65 (CJ for Wire & Cable): Yes

MII Order #39 (China RoHS): Yes

Other Specification: Seriplex CBL 162212-P16

Flame Test

UL Flame Test: UL1685 UL Loading

Plenum/Non-Plenum

Plenum (Y/N): No

Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Shield:

Description	Capacitance (pF/m)
16 AWG	91.868
22 AWG	52.496

Nominal Velocity of Propagation:

Description	VP (%)
16 & 22 AWG	78
12 AWG	48

Nom. Conductor DC Resistance:

Description	DCR @ 20°C (Ohm/km)
16 AWG	14.7317
22 AWG	59.3861
12 AWG	5.9058

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km)
52.496

Maximum Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km)
52.496

Max. Operating Voltage - UL:

Voltage	Description
150 V RMS	CL2
300 V RMS	CM

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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