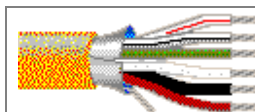


3126A Multi-Conductor - DeviceBus® for Square D/Seriplex®



For more Information
please call

1-800-Belden1



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. (in.)
2	16	26x30	TC - Tinned Copper	0.060
2	22	7x30	TC - Tinned Copper	0.030
2	12	65x30	TC - Tinned Copper	0.090

Insulation:

Insulation Material

Layer #	Ins Trade Name	Ins Material	Wall Thickness (in.)	Dia. (in.)	AWG
		HDPE - High Density Polyethylene	0.025		16
		HDPE - High Density Polyethylene	0.040		22
		PVC - Polyvinyl Chloride	0.016		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 Cabling:

Overall Cabling Lay Length & Direction

Length (in.)	Direction
4.000	Left Hand

Overall Cabling Separator Material Foamed Polypropelene Tape

Overall Nominal Diameter: 0.486 x 0.363 in.

Mechanical Characteristics (Overall):

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

Non-UL Temperature Rating 75°C

Bulk Cable Weight: 105 lbs/1000 ft.

Max. Recommended Pulling Tension: 262 lbs.

Applicable Specifications and Agency Compliance (Overall):

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Applicable Standards:

NEC/(UL) Specification	CL2, CM
CEC/C(UL) Specification	CM
EU CE Mark (Y/N)	Yes
EU RoHS Compliant (Y/N)	Yes
EU RoHS Compliance Date (mm/dd/yyyy)	01/01/2004
Other Specification	Seriplex CBL 162212-P16

Flame Test:

UL Flame Test	UL1685 UL Loading
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Plenum/Non-Plenum:

Plenum (Y/N)	N
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Electrical Characteristics (Overall):

Nom. Capacitance Conductor to Shield

Description	Freq. (MHz)	Start Freq. (MHz)	Stop Freq. (MHz)	Capacitance (pF/ft)
16 AWG				28.000
22 AWG				16.000

Nominal Velocity of Propagation

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

Nom. Conductor DC Resistance

Description	DCR @ 20°C (Ohm/1000 ft)
16 AWG	4.490
22 AWG	18.100
12 AWG	1.800

Nominal Outer Shield DC Resistance

DCR @ 20°C (Ohm/1000 ft)
16.000

Maximum Outer Shield DC Resistance

DCR @ 20°C (Ohm/1000 ft)
16.000

Max. Operating Voltage - UL

Voltage	Description
CL2	150 V RMS
CM	300 V RMS

PUT UPS AND COLORS:

Item #	Putup	Ship Weight	Jacket Color	Notes	Item Desc
3126A 0031000	1,000 FT	112.000 LB	ORANGE	C	COMPOSITE CABLE ORG

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 1 Revision Date: 05-14-2007

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