



Part Number: 3126A

DeviceBus® for Square D/Seriplex®, (2) 16 AWG (26x30) TC, (2) 22 AWG (7x30) TC, (2) 12 AWG (65x30) TC, HDPE/HDPE/PVC/PVC, Foil Shld, CM

Product Description

Two 16 AWG stranded (26x30) tinned copper conductors, two 22 AWG stranded (7x30) tinned copper conductors, two 12 AWG stranded (65x30) tinned copper conductors, high density polyethylene insulation (control), high density polyethylene insulation (data), PVC insulation (power), overall Beldfoil® shield (100% coverage), PVC jacket.

Product Specifications

Technical Specifications

Construction and Dimensions

Conductor:

AWG	Stranding	Material	Nominal Diameter	No. of Conductors
16	26x30	TC - Tinned Copper	0.06 in	2
22	7x30	TC - Tinned Copper	0.03 in	2
12	65x30	TC - Tinned Copper	0.09 in	2

Total Number of Conductors:	6
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Insulation:

Element	Material	Nominal Wall Thickness
16	HDPE - High Density Polyethylene	0.025 in
22	HDPE - High Density Polyethylene	0.04 in
12	PVC - Polyvinyl Chloride	0.016 in

Cabling 1:

Lay Length	Lay Direction
4 in	Left Hand

Outershield 1:

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire Diameter	Drainwire AWG	Drainwire Construction n x D
Tape	Aluminum Foil-Polyester Tape	Beldfoil®	100 %	TC - Tinned Copper	0.03 mm	22	7x30 mm

Outerjacket 1:

Material	Nominal Diameter	Separator Material
PVC - Polyvinyl Chloride	.486 x .363 in	Foamed Polypropylene Tape

Electrical Characteristics

Conductor DCR:

Element	Max. Outer Shield DCR	Nominal Conductor DCR	Nominal Outer Shield DCR
16 AWG	16 Ohm/1000ft	4.49 Ohm/1000ft	16 Ohm/1000ft
22 AWG		18.1 Ohm/1000ft	
12 AWG		1.8 Ohm/1000ft	

Capacitance:

Element	Nom. Capacitance Conductor to Shield
16 AWG	28 pF/ft
22 AWG	16 pF/ft

Delay:

Nominal Velocity of Propagation (VP) [%]	Nominal Velocity of Propagation (VP) Description
78 %	16 & 22 AWG
48 %	12 AWG

Voltage:

UL Description	UL Voltage Rating
CL2	150 V RMS
CM	300 V RMS

Use

Max Recommended Pulling Tension:	262 lbs
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Safety

UL Flammability:	UL1685 UL Loading
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Temperature Range

Non-UL Temp Rating:	75°C
Operating Temp Range:	-20°C To +75°C

Mechanical Characteristics

Part Number

Plenum (Y/N):	No
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Standards

CA Prop 65 (CJ for Wire & Cable):	CA Prop 65 (CJ for Wire & Cable)
CEC/C(UL) Specification:	CEC/C(UL) Specification
MII Order #39 (China RoHS):	MII Order #39 (China RoHS)
NEC/(UL) Specification:	NEC/(UL) Specification
Other Specification:	Other Specification
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	EU CE Mark

History

Product Variants

Part Number	Color	Put-Up Type	Length
3126A 0031000	ORANGE	Reel	1000 ft

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