



**Part Number:** 3125A

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

## Product Description

Two 16 AWG stranded (26x30) tinned copper conductors, two 22 AWG stranded (7x30) tinned copper conductors, foam high density polyethylene insulation (power), foam high density polyethylene insulation (data), 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
<b>Total Number of Conductors:</b>			4	

#### Insulation:

Element	Material	Nominal Wall Thickness
16	FHDPE - Foam High Density Polyethylene	0.025 in
22	FHDPE - Foam High Density Polyethylene	0.04 in

#### Cabling 1:

Lay Length	Lay Direction
4 in	Left Hand

#### Outershield 1:

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

#### Outerjacket 1:

Material	Nominal Diameter	Separator Material
PVC - Polyvinyl Chloride	0.368 in	Foamed Polypropylene Tape

## Electrical Characteristics

#### Conductor DCR:

Element	Nominal Conductor DCR	Nominal Outer Shield DCR
16 AWG	4.49 Ohm/1000ft	16 Ohm/1000ft
22 AWG	18.1 Ohm/1000ft	

#### Capacitance:

Element	Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Shield
22 AWG	9 pF/ft	16 pF/ft
16 AWG	16 pF/ft	28 pF/ft
22 AWG		
16 AWG		

#### Delay:

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

#### Voltage:

Non-UL Voltage Rating	UL Description	UL Voltage Rating
350 V RMS	CM	300 V RMS
	CL2	150 V RMS

## Use

Max Recommended Pulling Tension:	85 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
3125A 0031000	ORANGE	Reel	1000 ft
3125A 0035000	ORANGE	Reel	5000 ft

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