

3125A Multi-Conductor - DeviceBus® for Square D/Seriplex®



For more Information
please call

1-800-Belden1



Description:

16 and 22 AWG stranded tinned copper conductors, foam HDPE insulation (power), foam HDPE insulation (data), 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	.060
2	22	7x30	TC - Tinned Copper	.030

Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)	AWG
FHDPE - Foam High Density Polyethylene	.025	16
FHDPE - Foam High Density Polyethylene	.040	22

Outer Shield

Outer Shield Material:

Outer Shield Trade Name	Type	Outer Shield Material
Beldfoil®	Tape	Aluminum Foil-Polyester Tape

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 (in.)	Direction
4.0	Left Hand

Overall Cabling Separator Material: Foamed Polypropylene Tape

Overall Nominal Diameter: 0.368 in.

Mechanical Characteristics (Overall)

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

Non-UL Temperature Rating: 75°C

Bulk Cable Weight: 55.600 lbs/1000 ft.

Max. Recommended Pulling Tension: 85 lbs.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CL2, CM
CEC/C(UL) Specification:	CM
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 1622-P1

Flame Test

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

Plenum (Y/N):	No
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Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Shield:

Description	Capacitance (pF/ft)
22 AWG	16.0
16 AWG	28.0

Nom. Capacitance Conductor to Conductor:

Description	Capacitance (pF/ft)
22 AWG	9.0
16 AWG	16

Nominal Velocity of Propagation:

Description	VP (%)
16 AWG	78
22 AWG	78

Nom. Conductor DC Resistance:

Description	DCR @ 20°C (Ohm/1000 ft)
16 AWG	4.49
22 AWG	18.1

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
16

Max. Operating Voltage - UL:

Voltage	Description
300 V RMS	CM
150 V RMS	CL2

Max. Operating Voltage - Non-UL:

Voltage
350 V RMS

Related Documents:

No related documents are available for this product

Put Ups and Colors:

3125A Multi-Conductor - DeviceBus® for Square D/Seriplex®

Item #	Putup	Ship Weight	Color	Notes	Item Desc
3125A 0031000	1,000 FT	63.000 LB	ORANGE	C	2 #16,2#22 FHDPE FS PVC

Notes:

C = CRATE REEL PUT-UP.

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