

**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. (mm)
2	16	26x30	TC - Tinned Copper	1.524
2	22	7x30	TC - Tinned Copper	0.762

Total Number of Conductors: 4

Insulation**Insulation Material:**

Insulation Material	Wall Thickness (mm)	AWG
FHDPE - Foam High Density Polyethylene	0.635	16
FHDPE - Foam High Density Polyethylene	1.016	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 (mm)	Direction
101.5996	Left Hand

Overall Cabling Separator Material: Foamed Polypropylene Tape

Overall Nominal Diameter: 9.347 mm

Mechanical Characteristics (Overall)

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

Non-UL Temperature Rating: 75°C

Bulk Cable Weight: 82.744 Kg/Km

Max. Recommended Pulling Tension: 378.097 N

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/m)
22 AWG	52.496
16 AWG	91.868

Nom. Capacitance Conductor to Conductor:

Description	Capacitance (pF/m)
22 AWG	29.529
16 AWG	52.496

Nominal Velocity of Propagation:

Description	VP (%)
16 AWG	78
22 AWG	78

Nom. Conductor DC Resistance:

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

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km)
52.496

Max. Operating Voltage - UL:

Voltage	Description
300 V RMS	CM
150 V RMS	CL2

Max. Operating Voltage - Non-UL:

Voltage
350 V RMS

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
3125A 0031000	305 MT	28.576 KG	ORANGE	C	2 #16,2#22 FHDPE FS PVC

METRIC MEASUREMENT VERSION

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

Notes:

C = CRATE REEL PUT-UP.

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