



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
Total Number of Conductors:			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

Outersheild 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
----------------------------------	--------

Safety

UL Flammability:	UL1685 UL Loading
------------------	-------------------

Temperature Range

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

Mechanical Characteristics

Part Number

Plenum (Y/N):	No
---------------	----

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

© 2016 Belden, Inc

All Rights Reserved

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with EU RoHS (Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the compliance date may be in stock at Belden facilities and in our Distributor's inventory. The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information, and belief at the date of its publication. The information provided in this Product Disclosure is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. This Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.

Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.