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**3124A**



**Multi-Conductor - DeviceBus® for Square D/Seriplex®**

18 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.

**For more Information  
Please call**

**1-800-Belden1**



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### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
3124A 0031000	1,000 FT	47.000 LB	ORANGE	C	2 #18, 2#22 FHDPE FS PVC

**Notes:**

C = CRATE REEL PUT-UP.

### Physical Characteristics (Overall)

#### Conductor

**AWG:**

# Conductors	AWG	Stranding	Conductor Material	Dia. (in.)
2	18	16x30	TC - Tinned Copper	.040
2	22	7x30	TC - Tinned Copper	.030

**Total Number of Conductors:**

4

#### Insulation

**Insulation Material:**

Insulation Material	Wall Thickness (in.)	AWG
FHDPE - Foam High Density Polyethylene	.031	22
FHDPE - Foam High Density Polyethylene	.025	18

#### Outer Shield

**Outer Shield Material:**

Outer Shield Trade Name	Type	Outer Shield Material	Coverage (%)
Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100

**Outer Shield Drain Wire AWG:**

AWG	Stranding	Drain Wire Conductor Material
22	7x30	TC - Tinned Copper

**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:** 0.308 in.

**Mechanical Characteristics (Overall)**

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

**Non-UL Temperature Rating:** 75°C

**Bulk Cable Weight:** 39.300 lbs/1000 ft.

**Max. Recommended Pulling Tension:** 60 lbs.

**Min. Bend Radius/Minor Axis:** 3 in.

**Applicable Specifications and Agency Compliance (Overall)****Applicable Standards & Environmental Programs**

<b>NEC/(UL) Specification:</b>	CM, CL2
<b>CEC/C(UL) Specification:</b>	CM
<b>AWM Specification:</b>	UL Style 20201 (600 V 75°C)
<b>EU Directive 2011/65/EU (ROHS II):</b>	Yes
<b>EU CE Mark:</b>	Yes
<b>EU Directive 2000/53/EC (ELV):</b>	Yes
<b>EU Directive 2002/95/EC (RoHS):</b>	Yes
<b>EU RoHS Compliance Date (mm/dd/yyyy):</b>	01/01/2004
<b>EU Directive 2002/96/EC (WEEE):</b>	Yes
<b>EU Directive 2003/11/EC (BFR):</b>	Yes
<b>CA Prop 65 (CJ for Wire &amp; Cable):</b>	Yes
<b>MII Order #39 (China RoHS):</b>	Yes
<b>Other Specification:</b>	Seriplex CBL 1822-P18

## Flame Test

UL Flame Test: UL1685 UL Loading

## Plenum/Non-Plenum

Plenum (Y/N): No

## Electrical Characteristics (Overall)

### Nom. Capacitance Conductor to Shield:

Description	Capacitance (pF/ft)
18 AWG	20.0
22 AWG	16.0

### Nominal Velocity of Propagation:

Description	VP (%)
Data Pair	78.000
Power Pair	78.000

### Nom. Conductor DC Resistance:

Description	DCR @ 20°C (Ohm/1000 ft)
22 AWG	18.1
18 AWG	6.8

### Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
10.7

### Max. Operating Voltage - UL:

Voltage	Description
600 V RMS	UL AWM Style 20201
300 V RMS	CM
150 V RMS	CL2

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