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please call

1-800-Belden1



### General Description:

16 AWG multi-conductor stranded (7x24) bare copper conductors, PVC/Nylon insulation, overall Beldfoil® shield (100% coverage) with drain wire, PVC jacket.

### Physical Characteristics (Overall)

#### Conductor

##### AWG:

# Conductors	AWG	Stranding	Conductor Material
5	16	7x24	BC - Bare Copper

Total Number of Conductors: 5

#### Ground Wire

Ground Wire (Y/N): N

#### Insulation

##### Insulation Material:

Insulation Material
PVC/Nylon - Polyvinyl Chloride/Nylon

#### Outer Shield

##### Outer Shield Material:

Outer Shield Trade Name	Type	Outer Shield Material	Coverage (%)
Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100.000

##### Outer Shield Drain Wire AWG:

AWG	Stranding	Drain Wire	Conductor Material
16	7X24		Tinned Copper

#### Outer Jacket

##### Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	1.143

#### Overall Cable

Overall Nominal Diameter: 9.271 mm

### Mechanical Characteristics (Overall)

Wet Temperature Range: -30°C To +75°C

Dry Temperature Range: -30°C To +90°C

Bulk Cable Weight: 123.521 Kg/Km

Max. Recommended Pulling Tension: 778.435 N

Min. Bend Radius/Minor Axis: 91.440 mm

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

NEC/(UL) Specification: NPLF, TC-ER

EU Directive 2011/65/EU (ROHS II): Yes

EU CE Mark: Yes

## 28339AS Multi-Conductor - 600V Type TC-ER Cable

<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>	04/01/2005
<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>	ICEA S-73-532, S-95-658, S-61-402

### Flame Test

<b>UL Flame Test:</b>	UL1685 UL Loading
<b>C(UL) Flame Test:</b>	FT4
<b>IEEE Flame Test:</b>	1202

### Plenum/Non-Plenum

<b>Plenum (Y/N):</b>	No
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## Electrical Characteristics (Overall)

### Nom. Conductor DC Resistance:

<b>DCR @ 20°C (Ohm/km)</b>
13.7802

### Max. Recommended Current:

<b>Current</b>
6.4 Amps per conductor @ 25°C

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
28339AS 0105000	5,000 FT	500.000 LB	BLACK		5 #16 PVC/NYL FS PVC
28339AS01010000	10,000 FT	1,010.000 LB	BLACK	C Z	5 #16 PVC/NYL FS PVC

### Notes:

C = CRATE REEL PUT-UP.

Z = FINAL PUT-UP LENGTH MAY VARY (+ OR -) 10% FOR SPOOLS OR REELS AND(+ OR -) 5% FOR UNREEL CARTONS FROM LENGTH SHOWN.

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