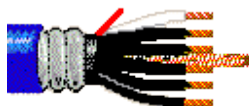


## 29016 Multi-Conductor - 600V ACIC Cable



For more Information  
please call

1-800-Belden1

**Description:**

16 AWG stranded (7x24) bare copper conductors, 16 AWG bare copper ground wire, aluminum interlocked armor, .030x1A; (.76mm) FR-XLPE insulation, FR-PVC inner jacket, FR-PVC outer jacket.

**Physical Characteristics (Overall)****Conductor****AWG:**

# Conductors	AWG	Stranding	Conductor Material
50	16	7x24	BC - Bare Copper

**Ground Wire**

Ground Wire (Y/N):	Y
Ground Wire AWG:	16
Ground Wire Stranding:	7x24
Ground Wire Conductor Material:	BC - Bare Copper

**Insulation****Insulation Material:**

Insulation Material
FR-XLPE - Cross Linked Polyethylene

**Outer Shield****Outer Shield Material:**

Outer Shield Material
Unshielded

**Outer Jacket****Outer Jacket Material:**

Outer Jacket Material
FR-PVC - Polyvinyl Chloride

**Outer Jacket Diameter:**

Nom. Dia. (in.)
1.19

Outer Jacket over Armor (y/n):	Y
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**Armor**

Armor Type:	Interlocked
Armor Material:	Aluminum
Diameter over Armor:	1.45

**Overall Cable****Overall Cabling Color Code Chart:**

Number	Color
1	White and Numbered 1
2	Black and Numbered 2
3	Black and Numbered 3
4	Black and Numbered 4
5	Black and Numbered 5

## 29016 Multi-Conductor - 600V ACIC Cable

6	Black and Numbered 6
7	Black and Numbered 7
8	Black and Numbered 8
9	Black and Numbered 9
10	Black and Numbered 10
11	Black and Numbered 11
12	Black and Numbered 12
13	Black and Numbered 13
14	Black and Numbered 14
15	Black and Numbered 15
16	Black and Numbered 16
17	Black and Numbered 17
18	Black and Numbered 18
19	Black and Numbered 19
20	Black and Numbered 20
21	Black and Numbered 21
22	Black and Numbered 22
23	Black and Numbered 23
24	Black and Numbered 24
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26	Black and Numbered 26
27	Black and Numbered 27
28	Black and Numbered 28
29	Black and Numbered 29
30	Black and Numbered 30
31	Black and Numbered 31
32	Black and Numbered 32
33	Black and Numbered 33
34	Black and Numbered 34
35	Black and Numbered 35
36	Black and Numbered 36
37	Black and Numbered 37
38	Black and Numbered 38
39	Black and Numbered 39
40	Black and Numbered 40
41	Black and Numbered 41
42	Black and Numbered 42
43	Black and Numbered 43
44	Black and Numbered 44
45	Black and Numbered 45
46	Black and Numbered 46
47	Black and Numbered 47
48	Black and Numbered 48
49	Black and Numbered 49
50	Black and Numbered 50

**Overall Nominal Diameter:** 1.540 in.

### Mechanical Characteristics (Overall)

<b>Wet Temperature Range:</b>	-40°C To +90°C
<b>Dry Temperature Range:</b>	-40°C To +90°C
<b>Non-UL Temperature Rating:</b>	90°C Wet/Dry
<b>Bulk Cable Weight:</b>	1306 lbs/1000 ft.
<b>Max. Recommended Pulling Tension:</b>	843 lbs.
<b>Min. Bend Radius (Install)/Minor Axis:</b>	18.800 in.

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

## 29016 Multi-Conductor - 600V ACIC Cable

CSA Specification:	C22.2#239, HAZ LOC, C22.2#0.3 Clause 4.31 Low Acid Gas
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EU Directive 2000/53/EC (ELV):	Yes
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EU Directive 2002/95/EC (RoHS):	Yes
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EU RoHS Compliance Date (mm/dd/yyyy):	01/01/2006
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EU Directive 2002/96/EC (WEEE):	Yes
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EU Directive 2003/11/EC (BFR):	Yes
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CA Prop 65 (CJ for Wire & Cable):	Yes
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MII Order #39 (China RoHS):	Yes
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**Flame Test**

CSA Flame Test:	FT4
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**Suitability**

Suitability - Burial:	Yes
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Sunlight Resistance:	Yes
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**Plenum/Non-Plenum**

Plenum (Y/N):	No
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**Electrical Characteristics (Overall)****Nom. Conductor DC Resistance:**

DCR @ 20°C (Ohm/1000 ft)

4.2

**Max. Operating Voltage - Non-UL:**

Voltage

600 V RMS

**Max. Recommended Current:**

Current

5 Amps per conductor @ 25°C

**Related Documents:**

No related documents are available for this product

**Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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