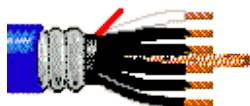


29016 Multi-Conductor - 600V ACIC Cable



For more Information
please call

1-800-Belden1

**General 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

Total Number of Conductors: 50

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. (mm)
30.226

Outer Jacket over Armor (y/n): Y

Aarmor

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

29016 Multi-Conductor - 600V ACIC Cable

5	Black and Numbered 5
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
25	Black and Numbered 25
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: 39.116 mm

Mechanical Characteristics (Overall)

Wet Temperature Range:	-40°C To +90°C
Dry Temperature Range:	-40°C To +90°C
Non-UL Temperature Rating:	90°C Wet/Dry
Bulk Cable Weight:	1943.590 Kg/Km
Max. Recommended Pulling Tension:	3749.830 N
Min. Bend Radius/Minor Axis:	477.520 mm

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

CSA Specification:	C22.2#239, HAZ LOC, C22.2#0.3 Clause 4.31 Low Acid Gas
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	01/01/2006
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

Flame Test

CSA Flame Test:	FT4
------------------------	-----

Suitability

Suitability - Burial:	Yes
Sunlight Resistance:	Yes

Plenum/Non-Plenum

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

Electrical Characteristics (Overall)

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)
13.7802

Max. Operating Voltage - Non-UL:

Voltage
600 V RMS

Max. Recommended Current:

Current
5 Amps per conductor @ 25°C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
--------	-------	-------------	-------	-------	-----------

Revision Number: 1 Revision Date: 02-03-2011

© 2019 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.