



Part Number: 29078

600V ACIC, (50) 18 AWG (7x26) BC+Grd,
XLPE/PVC/PVC, Alum Armor

Product Description

Fifty 18 AWG stranded (7x26) bare copper conductors plus bare copper ground wire, cross-linked polyethylene insulation, PVC inner jacket, aluminum interlocked armor, PVC outer jacket.

Product Specifications

Technical Specifications

Construction and Dimensions

Conductor:

Element	AWG	Stranding	Material	No. of Conductors
	18	7x26	BC - Bare Copper	50
Ground Wire	18	7x26	BC - Bare Copper	
Total Number of Conductors:				50

Insulation:

Material
XLPE - Cross Linked Polyethylene

Color Chart 1:

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
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
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26	Black and Numbered 26
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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
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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

Stranding:

Lay Length

PVC mm

Outersield 1:

Material

Unshielded

Outerjacket 1:

Material

PVC - Polyvinyl Chloride

Nominal Diameter

1.09 in

1.47 in

Armor:

Type of Armor

Interlocked Armor

Material

Aluminum

Diameter over Armoring

1.35 mm

Electrical Characteristics

Voltage:

Non-UL Voltage Rating

600 V RMS

Use

Max Recommended Pulling Tension:

590 lbs

Safety

CSA Flammability:

FT4

Temperature Range

Dry Temp Range:

-40°C To +90 °C

Non-UL Temp Rating:

90°C Wet/Dry

Wet Temp Range:

-40°C To +90°C

Mechanical Characteristics

Min Bend Radius/Minor Axis:	17.6 in
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Part Number

Plenum (Y/N):	No
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Standards

CA Prop 65 (CJ for Wire & Cable):	CA Prop 65 (CJ for Wire & Cable)
CSA AWM Specification:	CSA Specification
MII Order #39 (China RoHS):	MII Order #39 (China RoHS)
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)

History

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