



Part Number: 29068

600V ACIC, (40) 18 AWG (7x26) BC+Grd,
XLPE/PVC/PVC, Alum Armor

Product Description

Forty 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	40
Ground Wire	18	7x26	BC - Bare Copper	
Total Number of Conductors:				40

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
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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

Stranding:

Lay Length
PVC mm

Outersield 1:

Material
Unshielded

Outerjacket 1:

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.97 in
	1.35 in

Armor:

Type of Armor	Material	Diameter over Armoring
Interlocked Armor	Aluminum	1.23 mm

Electrical Characteristics

Voltage:

Non-UL Voltage Rating
600 V RMS

Use

Max Recommended Pulling Tension:	470 lbs
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Safety

CSA Flammability:	FT4
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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:	16.2 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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