



Part Number: 3041A

300V, (50 pr) 18 AWG (7x26) BC, (1) 22 AWG (7x30) BC,
PVC/PVC, Foil Shld, PLTC-ER, CMG

Product Description

Fifty 18 AWG pairs stranded (7x26) bare copper conductors, one 22 AWG stranded (7x30) bare copper conductor, twisted pairs, PVC insulation, overall Beldfoil® shield (100% coverage), PVC jacket.

Product Specifications

Technical Specifications

Construction and Dimensions

Conductor:

AWG	Stranding	Material	No. of Conductors	No. of Pairs
18	7x26	BC - Bare Copper		50
22	7x30	BC - Bare Copper	1	
Total Number of Conductors:			101	

Insulation:

Material
PVC - Polyvinyl Chloride

Color Chart 1:

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

5	Black & White and Numbered 5
6	Black & White and Numbered 6
7	Black & White and Numbered 7
8	Black & White and Numbered 8
9	Black & White and Numbered 9
10	Black & White and Numbered 10
11	Black & White and Numbered 11
12	Black & White and Numbered 12
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14	Black & White and Numbered 14
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26	Black & White and Numbered 26
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34	Black & White and Numbered 34
35	Black & White and Numbered 35
36	Black & White and Numbered 36
37	Black & White and Numbered 37
38	Black & White and Numbered 38
39	Black & White and Numbered 39
40	Black & White and Numbered 40
41	Black & White and Numbered 41
42	Black & White and Numbered 42
43	Black & White and Numbered 43
44	Black & White and Numbered 44
45	Black & White and Numbered 45

46	Black & White and Numbered 46
47	Black & White and Numbered 47
48	Black & White and Numbered 48
49	Black & White and Numbered 49
50	Black & White and Numbered 50
Communication	Orange

Stranding:

Lay Length
2.5 in
2.75 in

Outersield 1:

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG	Drainwire Construction n x D
Tape	Aluminum Foil-Polyester Tape	Beldfoil®	100 %	TC - Tinned Copper	18	7x26 mm

Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	1.24 in	0.074 in	Yes

Electrical Characteristics

Conductor DCR:

Nominal Conductor DCR	Nominal Outer Shield DCR
5.86 Ohm/1000ft	5 Ohm/1000ft

Voltage:

UL Voltage Rating
300 V RMS

Use

Suitability - Burial:	Yes
Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes
Suitability - Sunlight Resistance:	Yes
Max Recommended Pulling Tension:	2240 lbs

Safety

CSA Flammability:	FT4
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IEEE Flammability:	1202
UL Flammability:	UL1685 FT4 Loading

Temperature Range

Operating Temp Range:	-30°C To +105°C
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Mechanical Characteristics

Min Bend Radius/Minor Axis:	12.75 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)
CEC/C(UL) Specification:	CEC/C(UL) Specification
MII Order #39 (China RoHS):	MII Order #39 (China RoHS)
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)

History

Notes:	Alternate color coding available upon request.
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