



Part Number: 3052A

300V, (16 triad) 16 AWG (7x24) BC, (1) 22 AWG (7x30) BC,
FR-PVC/FR-PVC, Foil Shld, PLTC-ER, CMG

Product Description

Sixteen 16 AWG triads stranded (7x24) bare copper conductors, one 22 AWG stranded (7x30) bare copper conductor, twisted pairs, flame retardant PVC insulation, overall Beldfoil® shield (100% coverage), flame retardant PVC jacket.

Product Specifications

Technical Specifications

Construction and Dimensions

Conductor:

AWG	Stranding	Material	No. of Conductors	No. of Triads
16	7x24	BC - Bare Copper	1	16
22	7x30	BC - Bare Copper		
Total Number of Conductors:			49	

Insulation:

Material
F-R PVC - Flame Retardant Polyvinyl Chloride

Color Chart 2:

Number	Number
1	Black & White & Red and numbered 1
2	Black & White & Red and numbered 2
3	Black & White & Red and numbered 3
4	Black & White & Red and numbered 4
5	Black & White & Red and numbered 5
6	Black & White & Red and numbered 6
7	Black & White & Red and numbered 7
8	Black & White & Red and numbered 8
9	Black & White & Red and numbered 9
10	Black & White & Red and numbered 10
11	Black & White & Red and numbered 11
12	Black & White & Red and numbered 12
13	Black & White & Red and numbered 13
14	Black & White & Red and numbered 14
15	Black & White & Red and numbered 15
16	Black & White & Red and numbered 16
17	Orange

Stranding:

Twists
6 twist/ft

Outersheild 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
FR PVC - Flame Retardant Polyvinyl Chloride	1.031 in	0.074 in	Yes

Electrical Characteristics

Conductor DCR:

Nominal Conductor DCR	Nominal Outer Shield DCR
3.7 Ohm/1000ft	4.9 Ohm/1000ft

Capacitance:

Nom. Capacitance Conductor to Conductor
54.1 pF/ft

Inductance:

Nominal Inductance

0.156 μ H/ft

Voltage:

UL Voltage Rating

300 V RMS

Use

Suitability - Sunlight Resistance:

Yes

Max Recommended Pulling Tension:

1758 lbs

Safety

CSA Flammability:

FT4

ICEA Flammability:

T-29-520

IEEE Flammability:

1202

UL Flammability:

UL1685 FT4 Loading

Temperature Range

Operating Temp Range:

-30°C To +105°C

Mechanical Characteristics

Min Bend Radius/Minor Axis:

11.25 in

Part Number

Plenum (Y/N):

No

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)

NEC/(UL) Specification:

NEC/(UL) Specification

UL AWM Style:

AWM Specification

EU Directive Compliance:

EU Directive 2003/11/EC (BFR)

History

Notes:	Alternate color coding available upon request.
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