



Part Number: 3010A

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

Product Description

Sixteen 22 AWG pairs stranded (7x30) 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 Pairs
22	7x30	BC - Bare Copper		16
22	7x30	BC - Bare Copper	1	
Total Number of Conductors:			33	

Insulation:

Material	Nominal Diameter
F-R PVC - Flame Retardant Polyvinyl Chloride	0.062 in

Color Chart 1:

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

Outershield 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	22	7x30 mm

Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
FR PVC - Flame Retardant Polyvinyl Chloride	0.594 in	0.053 in	Yes

Electrical Characteristics

Conductor DCR:

Nominal Conductor DCR	Nominal Outer Shield DCR
15 Ohm/1000ft	24 Ohm/1000ft

Capacitance:

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
26 pF/ft	45 pF/ft

Current:

Max. Recommended Current [A]
2.4 Amps per conductor @ 25°C

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:	290 lbs

Safety

C(UL) 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
UL Temp Rating:	105°C

Mechanical Characteristics

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

History

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