



Part Number: 3102A

300V, (1 triad) 12 AWG (7x20) BC, PVC/PVC, Foil Shld, PLTC

Product Description

One 12 AWG triad stranded (7x20) bare copper conductors, twisted triads, PVC insulation, overall Beldfoil® shield (100% coverage), PVC jacket.

Technical Specifications

Construction and Dimensions

Conductor:

AWG	Stranding	Material	No. of Triads
12	7X20	BC - Bare Copper	1

Insulation:

Material
PVC - Polyvinyl Chloride

Color Chart 2:

Number	Number
1	Black & Red & White

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	14	7x22 mm

Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.432 in	0.053 in	Yes

Electrical Characteristics

Conductor DCR:

Nominal Conductor DCR
1.5 Ohm/1000ft

Voltage:

UL Voltage Rating
300 V RMS

Use

Suitability - Sunlight Resistance:	Yes
Max Recommended Pulling Tension:	260 lbs

Safety

CSA Flammability:	FT4
ICEA Flammability:	T-29-520
IEEE Flammability:	1202
UL Flammability:	UL1685 UL Loading

Temperature Range

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

Min Bend Radius/Minor Axis:	4.3 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)
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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