



Part Number: 1118U

600V Tray, (1 pr) 16 AWG (7x24) BC, XLP/XL-LSZH, Foil Shld, TC

Product Description

One 16 AWG pair stranded (7x24) bare copper conductors, twisted pairs, cross-linked polyolefin insulation, overall Beldfoil® shield (100% coverage), HaloarrestXLink-1 jacket.

Product Specifications

Technical Specifications

Construction and Dimensions

Conductor:

AWG	Stranding	Material	No. of Pairs
16	7x24	BC - Bare Copper	1
Total Number of Conductors:			2

Insulation:

Material
XLPE - Cross Linked Polyethylene

Color Chart 1:

Number	Color
1	Black & Red

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	18	7x26 mm

Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
HaloarrestXLink-1	0.34 in	0.047 in	Yes

Electrical Characteristics

Conductor DCR:

Nominal Conductor DCR
4.2 Ohm/1000ft

Current:

Max. Recommended Current [A]
8 Amps per conductor @ 30C

Voltage:

UL Voltage Rating
600 V RMS (NEC Type TC)

Use

Suitability - Oil Resistance:	Yes - Oil Res I
Suitability - Sunlight Resistance:	Yes - Black only.
Max Recommended Pulling Tension:	40 lbs

Safety

C(UL) Flammability:	FT4
IEEE Flammability:	1202
Other Flammability:	VW-1 rated Conductors
UL Flammability:	UL1685 Vertical Tray Flame Test

Temperature Range

Dry Temp Range:	-30°C To +90°C
Wet Temp Range:	-30°C To +90°C

Mechanical Characteristics

Min Bend Radius/Minor Axis:	3.4 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)
EU CE Mark:	EU CE Mark

History

Notes:	Alternate color coding available upon request.
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