



Part Number: 1039R

600V Tray, (4 pr) 16 AWG (7x24) TC, XLPE/CPE, Foil Shld, TC

Product Description

Four 16 AWG pairs stranded (7x24) bare copper conductors, twisted pairs, cross-linked polyethylene insulation, individually shielded plus an overall Beldfoil® shield (100% coverage), chlorinated polyethylene jacket.

Product Specifications

Technical Specifications

Construction and Dimensions

Conductor:

AWG	Stranding	Material	No. of Pairs
16	7x24	TC - Tinned Copper	4
Total Number of Conductors:			8

Insulation:

Material
XLPE - Cross Linked Polyethylene

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

Innershield:

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

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	16	7x24 mm

Outerjacket 1:

Material	Nominal Diameter	Ripcord
CPE - Chlorinated Polyethylene	0.69 in	Yes

Electrical Characteristics

Conductor DCR:

Individual Pair Nominal Shield DCR	Nominal Conductor DCR	Nominal Outer Shield DCR
5.07 Ohm/1000ft	3.67 Ohm/1000ft	3.14 Ohm/1000ft

Voltage:

UL Voltage Rating
600 V RMS (NEC Type TC)

Use

Suitability - Sunlight Resistance:	Yes
Max Recommended Pulling Tension:	411 lbs

Safety

C(UL) Flammability:	FT4
ICEA Flammability:	T-29-520
IEEE Flammability:	1202
Other Flammability:	VW-1 rated Conductors
UL Flammability:	UL1685 UL Loading

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:	6.9 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
Other Specification:	Other 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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