



Part Number: 28159AS

600V Tray, (3) 2 AWG (7x10) BC+Grd, PVC-NYL/PVC, Foil Shld, TC-ER

Product Description

Three 2 AWG stranded (7x10) bare copper conductors plus ground wire, PVC/Nylon insulation, overall Beldfoil® shield (100% coverage), PVC jacket.

Product Specifications

Technical Specifications

Construction and Dimensions

Conductor:

Element	AWG	Stranding	Material	No. of Conductors
	2	7x10	BC - Bare Copper	3
Ground Wire	6	7x14	BC - Bare Copper	
Total Number of Conductors:				3

Insulation:

Material
PVC/Nylon - Polyvinyl Chloride/Nylon

Color Chart 1:

Number	Color
1	Black and Numbered 1
2	Black and Numbered 2
3	Black and Numbered 3

Stranding:

Lay Length
Y mm

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	14	7x22 mm

Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.994 in	0.083 in

Electrical Characteristics

Conductor DCR:

Nominal Conductor DCR
0.16 Ohm/1000ft

Current:

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

Voltage:

UL Voltage Rating
600 V RMS

Use

Suitability - Burial:	Yes
Suitability - Sunlight Resistance:	Yes
Max Recommended Pulling Tension:	2316 lbs

Safety

C(UL) Flammability:	FT4
UL Flammability:	UL1685 UL Loading

Temperature Range

Dry Temp Range:	-30°C To +90°C
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UL Temp Rating:	75°C Wet
Wet Temp Range:	-30°C To +75°C

Mechanical Characteristics

Min Bend Radius/Minor Axis:	9.95 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)

History

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