



Part Number: 3088CE

600V Tray, (1 pr) 18 AWG (7x26) BC+Grd, (1) 18 AWG (7x26) BC, XLPE/PVC, Foil Shld, TC-ER

Product Description

One 18 AWG pair stranded (7x26) bare copper plus ground wire, one 18 AWG stranded (7x26) bare copper conductor, cross-linked polyethylene insulation, overall Beldfoil® shield (100% coverage), PVC jacket.

Product Specifications

Technical Specifications

Suitable Applications:	Instrumentation Applications in Plants, TC-ER, Exposed Run Applications
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Construction and Dimensions

Conductor:

Element	AWG	Stranding	Material	No. of Conductors	No. of Pairs
	18	7x26	BC - Bare Copper	1	1
Ground Wire	18	7x26	BC - Bare Copper		

Total Number of Conductors:	3
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Insulation:

Material
XLPE - Cross Linked Polyethylene
XLPE - Cross Linked Polyethylene

Color Chart 1:

Number	Color
1	Black & White
2	Green
1	Black & White

Stranding:

Lay Length
Y mm

Innershield:

Type	Material	Material Trade Name	Coverage [%]	Drainwire AWG	Drainwire Construction n x D
Tape	Aluminum Foil-Polyester Tape	Beldfoil®	100 %	20	7x28 mm
				TC - Tinned Copper	

Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.34 in	0.048 in	Yes

Electrical Characteristics

Conductor DCR:

Nominal Conductor DCR	Nominal Outer Shield DCR
5.86 Ohm/1000ft	7.46 Ohm/1000ft

Capacitance:

Nom. Capacitance Conductor to Shield	Nom.Mutual Capacitance
54 pF/ft	30 pF/ft

Voltage:

UL Voltage Rating
600 V RMS (NEC Type TC)

Use

Suitability - Burial:	Yes
Suitability - Sunlight Resistance:	Yes
Max Recommended Pulling Tension:	80 lbs

Safety

C(UL) Flammability:	FT4
ICEA Flammability:	T-29-520

IEEE Flammability:	1202
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:	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
Other Specification:	Other Specification
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)

History

Product Variants

Part Number	Color	Put-Up Type	Length
3088CE 0101000	BLACK	Reel	1000 ft
3088CE 0105000	BLACK	Reel	5000 ft

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