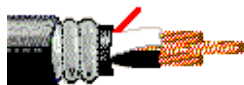


C5583 Multi-Conductor - 600V & 1000V Teck90 Cable

For more Information
please call

1-800-Belden1

**Description:**

8 AWG stranded (7x16) bare copper conductors, 10 AWG bare copper ground wire, aluminum interlocked armor, .045x1A; (1.14mm) XLPE insulation, PVC inner jacket, PVC outer jacket.

Physical Characteristics (Overall)**Conductor****AWG:**

# Conductors	AWG	Stranding	Conductor Material
2	8	7x16	BC - Bare Copper

Ground Wire

Ground Wire (Y/N):	Y
Ground Wire AWG:	10
Ground Wire Stranding:	7x18
Ground Wire Conductor Material:	BC - Bare Copper

Insulation**Insulation Material:**

Insulation Material	Wall Thickness (in.)
XLPE - Cross Linked Polyethylene	.045

Outer Shield**Outer Shield Material:**

Outer Shield Material
Unshielded

Outer Jacket**Outer Jacket Material:**

Outer Jacket Material
PVC - Polyvinyl Chloride

Outer Jacket Diameter:

Nom. Dia. (in.)
.59

Outer Jacket over Armor (y/n):	Y
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Outer Jacket over Armor

Outer Jacket Material over Armor (y/n):	PVC - Polyvinyl Chloride
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Armor

Armor Type:	Interlocked
Armor Material:	Aluminum
Diameter over Armor:	.78

Overall Cable**Overall Cabling Color Code Chart:**

Number	Color
1	Black
2	White

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Overall Nominal Diameter:	0.860 in.
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Mechanical Characteristics (Overall)

Operating Temperature Range:	-40°C To +90°C
Wet Temperature Range:	-40°C To +90°C
Dry Temperature Range:	-40°C To +90°C
Bulk Cable Weight:	407 lbs/1000 ft.
Max. Recommended Pulling Tension:	264 lbs.
Min. Bend Radius (Install)/Minor Axis:	10.600 in.

Applicable Specifications and Agency Compliance (Overall)**Applicable Standards & Environmental Programs**

CSA Specification:	C22.2 #131; Hazardous Location; C22.2 #0.3 Clause 4.31 Low Acid Gas
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	01/01/2006
EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MIL Order #39 (China RoHS):	Yes

Flame Test

CSA Flame Test:	FT4
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Suitability

Suitability - Burial:	Yes
Sunlight Resistance:	Yes

Plenum/Non-Plenum

Plenum (Y/N):	No
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Electrical Characteristics (Overall)**Nom. Conductor DC Resistance:**

DCR @ 20°C (Ohm/1000 ft)
.57

Max. Recommended Current:

Current
44 Amps per conductor @ 25°C

Related Documents:

No related documents are available for this product

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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Revision Number: 1 Revision Date: 05-14-2007

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