

6197 Multi-Conductor - 1000V Teck90 Cable



For more Information
please call

1-800-Belden1

**General Description:**

2/0 AWG (19X11) two bare copper conductors, XLP insulation, 6 AWG bare copper ground wire, PVC inner jacket, aluminum interlocked armor, PVC outer jacket.

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

# Conductors	AWG	Stranding	Conductor Material
2	2/0	19x11	BC - Bare Copper

Total Number of Conductors: 2

Ground Wire

Ground Wire (Y/N): Y

Ground Wire AWG: 6

Ground Wire Conductor Material: BC - Bare Copper

Ground Wire Insulation Material: Uninsulated

Insulation**Insulation Material:**

Insulation Material	Wall Thickness (mm)
XLP - Cross Linked Polyolefin	2.032

Inner Jacket**Inner Jacket Material:**

Inner Jacket Material	Nom Wall (mm)	Nom. Dia. (mm)
PVC - Polyvinyl Chloride	2.108	33.223

Outer Shield**Outer Shield Material:**

Outer Shield Material
Unshielded

Outer Jacket**Outer Jacket Material:**

Outer Jacket Material
PVC - Polyvinyl Chloride

Armor

Armor Type: Interlocked

Armor Material: Aluminum

Diameter over Armor: 1.568

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

Number	Color
1	Black
2	White

Overall Nominal Diameter: 42.520 mm

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:	2391.537 Kg/Km
Max. Recommended Pulling Tension:	889.640 N
Min. Bend Radius/Minor Axis:	510.540 mm

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 2011/65/EU (ROHS II):	Yes
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	10/1/2005
EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MII 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/km)
0.278885

Max. Operating Voltage - Other:

Voltage Description
1000V CSA

Max. Recommended Current:

Current
195 Amps per conductor @ 30C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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