

6059 Multi-Conductor - 600V Teck90 Cable

For more Information
please call

1-800-Belden1

**Description:**

Composite 14 AWG stranded (7x22) and 8 AWG stranded (7x16) bare copper conductors, 10 AWG bare copper ground wire, .046x1A;(1.17mm) XLPE insulation, PVC inner jacket, aluminum interlocked armor, PVC outer jacket.

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

# Conductors	AWG	Stranding	Conductor Material
3	14	7x22	BC - Bare Copper
3	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	.046

Inner Jacket**Inner Jacket Material:**

Inner Jacket Material	Nom. Dia. (in.)
PVC - Polyvinyl Chloride	.70

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.)
.98

Armor

Armor Type:	Interlocked
Armor Material:	Aluminum
Diameter over Armor:	.886

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

Number	Color	AWG Group/Cond. Color
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1	Black	14	Black
2	Red	14	Red
3	Blue (14 AWG); Black	14	Blue
1	Red	8	Black
2	Blue (8 AWG)	8	Red
3		8	Blue

Overall Nominal Diameter: 0.981 in.

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:	608 lbs/1000 ft.
Max. Recommended Pulling Tension:	1160 lbs.
Min. Bend Radius (Install)/Minor Axis:	9.800 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

CSA Specification:	CSA C22.2#131; Hazardous Locations CSA 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
MII Order #39 (China RoHS):	Yes

Flame Test

CSA Flame Test:	FT4
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Suitability

Sunlight Resistance:	Yes
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Plenum/Non-Plenum

Plenum (Y/N):	No
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Electrical Characteristics (Overall)

Nom. Conductor DC Resistance:

Description	DCR @ 20°C (Ohm/1000 ft)
14 AWG	2.5
10 AWG	1.1

Max. Recommended Current:

Current
12 Amps per conductor @ 25°C (14 AWG); 44 Amps per conductor @ 25°C (8 AWG)

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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