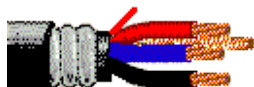


## C5621 Multi-Conductor - 1000V Teck90 Cable



For more Information  
please call

1-800-Belden1

**Description:**

2 AWG stranded (7x10) bare copper conductors, 6 AWG bare copper ground wire, .060x1A; (1.53mm) XLPE insulation, PVC inner jacket, aluminum interlocked armor, PVC outer jacket.

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

# Conductors	AWG	Stranding	Conductor Material
3	2	7x10	BC - Bare Copper

**Ground Wire**

Ground Wire (Y/N):	Y
Ground Wire AWG:	6
Ground Wire Stranding:	7x14
Ground Wire Conductor Material:	BC - Bare Copper

**Insulation****Insulation Material:**

Insulation Material	Wall Thickness (in.)
XLPE - Cross Linked Polyethylene	.060

**Inner Jacket****Inner Jacket Material:**

Inner Jacket Material	Nom. Dia. (in.)
PVC - Polyvinyl Chloride	1.02

**Outer Jacket****Outer Jacket Material:**

Outer Jacket Material
PVC - Polyvinyl Chloride

**Outer Jacket Diameter:**

Nom. Dia. (in.)
1.37

**Armor**

Armor Type:	Interlocked
Armor Material:	Aluminum
Diameter over Armor:	1.28

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

Number	Color
1	Black
2	Red
3	Blue

Overall Nominal Diameter:	1.370 in.
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**Mechanical Characteristics (Overall)**

## C5621 Multi-Conductor - 1000V Teck90 Cable

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:	1291 lbs/1000 ft.
Max. Recommended Pulling Tension:	2316 lbs.
Min. Bend Radius (Install)/Minor Axis:	16.500 in.

## Applicable Specifications and Agency Compliance (Overall)

## Applicable Standards &amp; 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
MII Order #39 (China RoHS):	Yes

## Flame Test

CSA Flame Test:	FT4
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## Suitability

Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes
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)

.16

## Max. Recommended Current:

Current

110 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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## C5621 Multi-Conductor - 1000V Teck90 Cable

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