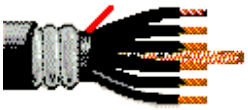
Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION

C5538 Multi-Conductor - 600V Teck90 Cable



For more Information
please call

1-800-Belden1

Description:

12 AWG stranded (7x20) bare copper conductors, 14 AWG bare copper ground wire, aluminum interlocked armor, .030" (.76mm) XLPE insulation, PVC inner jacket, PVC outer jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
10	12	7x20	BC - Bare Copper

Ground Wire

Ground Wire (Y/N):	Y
Ground Wire AWG:	14
Ground Wire Stranding:	7x22
Ground Wire Conductor Material:	BC - Bare Copper

Insulation

Insulation Material:

Insulation Material
XLPE - Cross Linked Polyethylene

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.)
.75

Outer Jacket over Armor (y/n):	Y

Outer Jacket over Armor

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

Armor

Armor Type:	Interlocked
Armor Material:	Aluminum
Diameter over Armor:	1.01

Overall Cable

Overall Cabling Color Code Chart:

Number	Color
1-10	Black and Numbered

Overall Nominal Diameter:	1.120 in.

Mechanical Characteristics (Overall)

Wet Temperature Range:	-40°C To +90°C
Dry Temperature Range:	-40°C To +90°C
Non-UL Temperature Rating:	90°C Wet/Dry
Bulk Cable Weight:	633 lbs/1000 ft.
Max. Recommended Pulling Tension:	520 lbs.
Min. Bend Radius (Install)/Minor Axis:	13.300 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
MII Order #39 (China RoHS):	Yes

Flame Test

CSA Flame Test:	FT4

Plenum/Non-Plenum

Plenum (Y/N):	No

Electrical Characteristics (Overall)

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
1.65

Max. Operating Voltage - Non-UL:

Voltage
600 V RMS

Max. Recommended Current:

Current
14 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

Revision Number: 1 Revision Date: 05-14-2007

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