Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



C5566 Multi-Conductor - 600V Teck90 Cable



For more Information please call

1-800-Belden1



Description:

10 AWG stranded (7x18) bare copper conductors, 12 AWG bare copper ground wire, aluminum interlocked armor, .030x1A; (.76mm) XLPE insulation, PVC inner jacket, PVC outer jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
8	10	7x18	BC - Bare Copper

Ground Wire

Ground Wire (Y/N):	Υ
Ground Wire AWG:	12
Ground Wire Stranding:	7x20
Ground Wire Conductor Material:	BC - Bare Copper

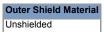
Insulation

Insulation Material:

Insulation Material	
XLPE - Cross Linked Polyethylene	

Outer Shield

Outer Shield Material:



Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

Outer Jacket Diameter:

Nom.	Dia.	(in.)
.74		

Outer Jacket over Armor (y/n):

Outer Jacket over Armor

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

Armor

Armor Type:	Interlocked	
Armor Material:	Aluminum	
Diameter over Armor:	.94	

Overall Cable

Overall Cabling Color Code Chart:

Number	Color	
1-8	Black and numbered	

Overall Nominal Diameter: 1.000 in.

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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:	739 lbs/1000 ft.
Max. Recommended Pulling Tension:	600 lbs.
Min. Bend Radius (Install)/Minor Axis:	12.400 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) 1.03

Max. Operating Voltage - Non-UL:

Voltage 600 V RMS

Max. Recommended Current:

Current
21 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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