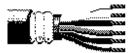
Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



C5645 Multi-Conductor - 1000V Teck90 Cable



For more Information please call

1-800-Belden1

Description:

4/0 AWG (19x9) bare copper conductors, XLPE insulation, 4 AWG bare copper ground wire, PVC inner jacket, aluminum interlocked armor, PVC outer jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
3	4/0	19x9	BC - Bare Copper

Ground Wire

Ground Wire (Y/N):	Υ
Ground Wire AWG:	4
Ground Wire Conductor Material:	BC - Bare Copper

Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)
XLPE - Cross Linked Polyethylene	.080

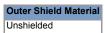
Inner Jacket

Inner Jacket Material:

Inner Jacket Material	Nom. Dia. (in.)
PVC - Polyvinyl Chloride	1.62

Outer Shield

Outer Shield Material:



Outer Jacket

Outer Jacket Material:

Outer Jacket Material		
PVC - Polyvinyl Chloride		

Outer Jacket Diameter:

Nom.	Dia.	(in.)
2.02		

Armor

Armor Type:	Interlocked
Armor Material:	Aluminum
Diameter over Armor:	1.92

Overall Cable

Overall Cabling Color Code Chart:

Number	Color
1	Black
2	Red
3	Blue

Overall Nominal Diameter: 2.020 in.

Mechanical Characteristics (Overall)

Operating Temperature Range: -40°C To +90°C



Detailed Specifications & Technical Data





C5645 Multi-Conductor - 1000V Teck90 Cable

Wet Temperature Range:	-40°C To +90°C
Dry Temperature Range:	-40°C To +90°C
Max. Recommended Pulling Tension:	5076 lbs.
Min. Bend Radius (Install)/Minor Axis:	24.250 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

CSA Specification: CSA C22.2#131; Hazardous Location; CSA C22.2#0.3 Clause 4.31 Low Acid

Gas.

Flame Test

CSA Flame Test: FT4

Suitability

Suitability - Burial: Yes

Sunlight Resistance: Yes

Plenum/Non-Plenum

Plenum (Y/N): No

Electrical Characteristics (Overall)

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft) .058

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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