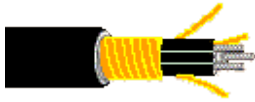


For more Information  
please call

1-800-Belden1



## General Description:

3 - 8 AWG stranded (7x16) bare copper circuit conductors plus (3) - 14 AWG stranded (7x22) symmetrical bare copper ground wires, XLPE insulation, two spiral copper tape shields (100% Coverage), sun- and oil-resistant PVC jacket.

## Usage (Overall)

**Suitable Applications:** AC Motor Drives, VFD, Variable Frequency Drive

## Physical Characteristics (Overall)

### Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
3	8	7x16	BC - Bare Copper

**Total Number of Conductors:** 3

### Ground Wire

**Ground Wire (Y/N):** Y

**Ground Wire AWG:** 14 (x3)

**Ground Wire Stranding:** 7x22

**Ground Wire Conductor Material:** BC - Bare Copper

### Insulation

Insulation Material:

Insulation Material	Wall Thickness (mm)
XLPE - Cross Linked Polyethylene	1.168

Insulation Color Code Chart:

Number	Color
1	Black and Numbered 1
2	Black and Numbered 2
3	Black and Numbered 3

### Outer Shield

Outer Shield Material:

Layer #	Type	Outer Shield Material	Coverage (%)
1	Tape	Spiral Copper	100.000
2	Tape	Spiral Copper	100.000

### Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

### Overall Cable

**Overall Nominal Diameter:** 17.247 mm

## Mechanical Characteristics (Overall)

**Operating Temperature Range:** -40°C To +90°C, +90°C Wet

Bulk Cable Weight:	505.988 Kg/Km
Max. Recommended Pulling Tension:	2562.163 N
Min. Bend Radius/Minor Axis:	165.100 mm

## Applicable Specifications and Agency Compliance (Overall)

### Applicable Standards & Environmental Programs

CSA Specification:	C22.2 #230 Type TC, C22.2#0.3 Clause 4.3 Low Acid Test, C22.2 #38 1000V RW90, FT4
EU Directive 2011/65/EU (ROHS II):	Yes
EU CE Mark:	Yes
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	08/17/2007
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
IEEE Flame Test:	1202, IEEE 383 Vertical Tray Flame Test (70,000 BTU)

### Suitability

Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes
Suitability - Aerial:	No
Suitability - Burial:	Yes
Sunlight Resistance:	Yes
Oil Resistance:	Yes

### Plenum/Non-Plenum

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

### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)
2.100

### Max. Operating Voltage - Other:

Voltage	Description
1000 V RMS	CSA TYPE TC

### Max. Recommended Current:

Current
55 Amps per conductor @ 25°C

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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