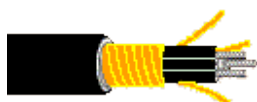


29520C Multi-Conductor - 600V VFD



For more Information
please call

1-800-Belden1

**Description:**

3 - 16 AWG stranded (7x24) bare copper circuit conductors plus (3) - 18 AWG stranded (7x26) 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	16	7x24	BC - Bare Copper

Ground Wire

Ground Wire (Y/N):	Y
Ground Wire AWG:	18
Ground Wire Stranding:	7x26
Ground Wire Conductor Material:	BC - Bare Copper

Insulation**Insulation Material:**

Insulation Material	Wall Thickness (in.)
XLPE - Cross Linked Polyethylene	0.031

Insulation Color Code Chart:

Number	Color
1	Black #1
2	Black #2
3	Black #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: 0.394 in.

Mechanical Characteristics (Overall)

UL Temperature Rating:	90°C Wet/Dry
Bulk Cable Weight:	113 lbs/1000 ft.

Max. Recommended Pulling Tension:	107 lbs.
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Min. Bend Radius (Install)/Minor Axis:	4 in.
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Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	TC-ER
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NEC Articles:	336 - ER
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CSA Specification:	1000 V AWM I/II A/B
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EU CE Mark:	Yes
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EU Directive 2000/53/EC (ELV):	Yes
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EU Directive 2002/95/EC (RoHS):	Yes
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EU RoHS Compliance Date (mm/dd/yyyy):	12/18/2009
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EU Directive 2002/96/EC (WEEE):	Yes
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EU Directive 2003/11/EC (BFR):	Yes
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CA Prop 65 (CJ for Wire & Cable):	Yes
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MII Order #39 (China RoHS):	Yes
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Flame Test

UL Flame Test:	UL1685 UL Loading
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C(UL) Flame Test:	FT4
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IEEE Flame Test:	1202, IEEE 383 Vertical Tray Flame Test (70,000 BTU)
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Suitability

Suitability - Indoor:	Yes
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Suitability - Outdoor:	Yes
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Suitability - Burial:	Yes
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Sunlight Resistance:	Yes
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Oil Resistance:	Yes
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Plenum/Non-Plenum

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

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

4.000

Max. Operating Voltage - UL:

Voltage

600 V RMS (NEC Type TC)

Max. Operating Voltage - Other:

Voltage

1000 V RMS (CSA AWM I/II A/B)

Max. Recommended Current:

Current

18 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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29520C Multi-Conductor - 600V VFD

29520C 0101000	1,000 FT	122.000 LB	BLACK	3#16 XLPE+3#18 GRD CU TAPE PVC
29520C 0105000	5,000 FT	630.000 LB	BLACK	3#16 XLPE+3#18 GRD CU TAPE PVC

Revision Number: 1 Revision Date: 10-04-2010

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