

5302FE Multi-Conductor - Commercial Applications



For more Information
please call

1-800-Belden1

**Description:**

18 AWG bare copper conductors, PP insulation, cabled, Beldfoil® shield tape (foil side out) with drain wire, PVC jacket. Sequential footage marking every two feet.

Physical Characteristics (Overall)**Conductor****AWG:**

# Conductors	AWG	Stranding	Conductor Material
4	18	7x26	BC - Bare Copper

Insulation**Insulation Material:**

Insulation Material	Wall Thickness (mm)
PP - Polypropylene	0.178

Outer Shield**Outer Shield Material:**

Outer Shield Trade Name	Type	Outer Shield Material	Coverage (%)
Beldfoil®	Tape	Aluminum Foil-Polyester Tape w/Shorting Fold	100

Outer Shield Drain Wire AWG:

AWG	Stranding	Drain Wire	Conductor Material
24	7x32	TC - Tinned Copper	

Outer Jacket**Outer Jacket Material:**

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.432

Outer Jacket Ripcord: Yes

Overall Cabling**Overall Cabling Lay Length & Direction:**

Length (mm)
82.549675

Overall Cabling Color Code Chart:

Color
Black
Red
White
Green

Overall Nominal Diameter: 4.572 mm

Mechanical Characteristics (Overall)

Operating Temperature Range: -20°C To +75°C

UL Temperature Rating: 75°C

Bulk Cable Weight: 43.158 Kg/Km

Max. Recommended Pulling Tension: 460.834 N

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Min. Bend Radius (Install)/Minor Axis: 45.720 mm

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC(UL) Specification: CMR

NEC Articles: 800

CEC/C(UL) Specification: CMG

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): 04/01/2005

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

UL Flame Test: UL1666 Vertical Shaft

CSA Flame Test: FT4

Plenum/Non-Plenum

Plenum Number: 6320FE

Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)

93.509

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/m)

168.151

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)

21.3265

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km)

23.6232

Max. Operating Voltage - UL:

Voltage

300 V RMS

Max. Recommended Current:

Current

4 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
5302FE 008U1000	305 MT	16.329 KG	GRAY		4 #18 PP FS FRPVC
5302FE 008U500	152 MT	7.711 KG	GRAY		4 #18 PP FS FRPVC
5302FE 0081000	305 MT	14.515 KG	GRAY	C	4 #18 PP FS FRPVC
5302FE 008500	152 MT	8.165 KG	GRAY		4 #18 PP FS FRPVC

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Notes:

C = CRATE REEL PUT-UP.

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