

5300F1 Multi-Conductor - Water-Blocked for Use in Underground Ducts - 2 Cond Cabled



For more Information
please call

1-800-Belden1

**Description:**

18 AWG tinned copper conductors, PVC insulation, cabled with overall water-blocking tape, PVC jacket with ripcord. Sequential footage marking every two feet.

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

# Conductors	AWG	Stranding	Conductor Material
2	18	7x26	TC - Tinned Copper

Insulation**Insulation Material:**

Insulation Material	Wall Thickness (in.)
PVC - Polyvinyl Chloride	.010

Outer Shield**Outer Shield Material:**

Outer Shield Trade Name	Outer Shield Material	Coverage (%)
Beldfoil®	Aluminum Foil-Polyester Tape	100

Outer Shield Drain Wire AWG:

AWG	Stranding	Drain Wire Conductor Material
20	7X28	TC - Tinned Copper

Outer Shield Waterblocking Tape:

Non-woven waterblocking tape

Outer Jacket**Outer Jacket Material:**

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.025

Outer Jacket Ripcord:

Yes

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

Length (in.)
2

Overall Nominal Diameter:

0.222 in.

Mechanical Characteristics (Overall)

Operating Temperature Range: -20°C To +105°C

Bulk Cable Weight: 26.900 lbs/1000 ft.

Max. Recommended Pulling Tension: 57.500 lbs.

Min. Bend Radius (Install)/Minor Axis: 2.250 in.

Applicable Specifications and Agency Compliance (Overall)**Applicable Standards & Environmental Programs**

NEC/(UL) Specification: CM

CEC/C(UL) Specification: CM

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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): 10/01/2005

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: UL1685 UL Loading

CSA Flame Test: FT1

Plenum/Non-Plenum

Plenum (Y/N): No

Electrical Characteristics (Overall)

Nom. Inductance:

Inductance (μH/ft)

.16

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

65

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)

117

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

6.5

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

7.9

Max. Operating Voltage - UL:

Voltage

300 V RMS

Max. Recommended Current:

Current

5 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
5300F1 0081000	1,000 FT	30.000 LB	GRAY	C	2 #18 PVC FS PVC
5300F1 0101000	1,000 FT	30.000 LB	BLACK		2 #18 PVC FS PVC

Notes:

C = CRATE REEL PUT-UP.

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