

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:

Drain Wire Conductor Material
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 Cabling

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
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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

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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