

## 5400F1 Multi-Conductor - Water-Blocked for Use in Underground Ducts - 2 Cond Cabled



For more Information  
please call

1-800-Belden1



### Description:

20 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	20	7x28	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
Beldfoil®	Aluminum Foil-Polyester Tape

##### 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 Cable

##### Overall Cabling Lay Length & Direction:

Length (in.)
2

Overall Nominal Diameter: 0.206 in.

### Mechanical Characteristics (Overall)

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

Bulk Cable Weight: 20.200 lbs/1000 ft.

Max. Recommended Pulling Tension: 37.100 lbs.

Min. Bend Radius (Install)/Minor Axis: 2 in.

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

NEC/(UL) Specification: CM

CEC/C(UL) Specification: CM

## 5400F1 Multi-Conductor - Water-Blocked for Use in Underground Ducts - 2 Cond Cabled

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)

.17

### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

56

### Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)

101

### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

10.3

### Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

11.7

### Max. Operating Voltage - UL:

Voltage

300 V RMS

### Max. Recommended Current:

Current

3.75 Amps per conductor @ 25°C (10°C rise in temp)

## Related Documents:

No related documents are available for this product

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
5400F1 0081000	1,000 FT	22.000 LB	GRAY	C	2 #20 S-R PVC FS PVC

### Notes:

C = CRATE REEL PUT-UP.

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