

**5500F1 Multi-Conductor - Water-Blocked for Use in Underground Ducts - 2 Cond Cabled**

For more Information  
please call

1-800-Belden1

**Description:**

22 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	22	7x30	TC - Tinned Copper

**Insulation****Insulation Material:**

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

**Insulation Color Code Chart:**

Number	Color
1	Black
2	Red

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

Length (in.)
1.5

**Overall Nominal Diameter:**

0.196 in.

**Mechanical Characteristics (Overall)****Operating Temperature Range:**

-20°C To +105°C

**Bulk Cable Weight:**

15.700 lbs/1000 ft.

**Max. Recommended Pulling Tension:**

23.700 lbs.

**Min. Bend Radius (Install)/Minor Axis:**

2 in.

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## Applicable Specifications and Agency Compliance (Overall)

## Applicable Standards &amp; Environmental Programs

NEC/(UL) Specification:	CM
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CEC/C(UL) Specification:	CM
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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):	10/01/2005
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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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CSA Flame Test:	FT1
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## Plenum/Non-Plenum

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

## Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
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46
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## Nom. Capacitance Cond. to Other Conductor &amp; Shield:

Capacitance (pF/ft)
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82.8
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## Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
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16.1
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## Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
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16.8
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## Max. Operating Voltage - UL:

Voltage
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300 V RMS
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## Max. Recommended Current:

Current
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2.8 Amps per conductor @ 25°C
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## Related Documents:

No related documents are available for this product

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
5500F1 0081000	1,000 FT	17.000 LB	GRAY	C	2 #22 PVC FS PVC
5500F1 0101000	1,000 FT	17.000 LB	BLACK		2 #22 PVC FS PVC

## Notes:

C = CRATE REEL PUT-UP.

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