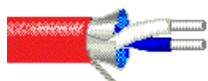


## 1175A Multi-Conductor - T1/DS1 Central Office Interconnect/Cross Connect Cable



For more Information  
please call

1-800-Belden1



### General Description:

22 AWG solid tinned copper conductors, twisted pairs, polyethylene insulation, overall Beldfoil® shield (100% coverage), 24 AWG solid tinned copper drain wire, PVC jacket.

### Usage (Overall)

Suitable Applications: Bits Timing Cable, DS1, T1, Central Office, Cross-Connect, Interconnect

### Physical Characteristics (Overall)

#### Conductor

AWG:

# Pairs	AWG	Stranding	Conductor Material
1	22	Solid	TC - Tinned Copper

Total Number of Conductors: 2

#### Insulation

Insulation Material:

Insulation Material
PE - Polyethylene

#### Outer Shield

Outer Shield Material:

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

Outer Shield Drain Wire AWG:

AWG	Stranding	Drain Wire Conductor Material
24	Solid	TC - Tinned Copper

#### Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

#### Overall Cable

Overall Nominal Diameter: 0.195 in.

#### Pair

Pair Color Code Chart:

Number	Color
1	Blue & White

### Mechanical Characteristics (Overall)

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

Bulk Cable Weight: 17 lbs/1000 ft.

Max. Recommended Pulling Tension: 15.500 lbs.

Min. Bend Radius/Minor Axis: 2 in.

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

NEC/(UL) Specification: CMR

CEC/C(UL) Specification: CMG

EU Directive 2011/65/EU (ROHS II): Yes

EU Directive 2000/53/EC (ELV): Yes

EU Directive 2002/95/EC (RoHS): Yes

EU RoHS Compliance Date (mm/dd/yyyy): 08/19/2005

EU Directive 2002/96/EC (WEEE): Yes

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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 Riser
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### Plenum/Non-Plenum

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

### Nom. Characteristic Impedance:

Impedance (Ohm)
100

### Nom. Inductance:

Inductance (µH/ft)
.24

### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
17

### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
16.7

### Nom. Attenuation:

Freq. (MHz)	Attenuation (dB/100 ft.)
.772	.45
1	.50
4	.88
10	1.40
20	2.00

### Max. Operating Voltage - UL:

Voltage
300 V RMS

### Max. Recommended Current:

Current
4.5 Amps per conductor @ 25°C

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1175A 0021000	1,000 FT	19.000 LB	RED	C	2 #22 HDPE FS PVC
1175A 00210000	10,000 FT	180.000 LB	RED	C	2 #22 HDPE FS PVC
1175A 0025000	5,000 FT	90.000 LB	RED	C	2 #22 HDPE FS PVC
1175A 0026600	6,600 FT	118.800 LB	RED	C	2 #22 HDPE FS PVC

### Notes:

C = CRATE REEL PUT-UP.

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