

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



For more Information  
please call

1-800-Belden1

**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

**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)**

<b>Operating Temperature Range:</b>	-20°C To +75°C
<b>Bulk Cable Weight:</b>	17 lbs/1000 ft.
<b>Max. Recommended Pulling Tension:</b>	15.500 lbs.
<b>Min. Bend Radius (Install)/Minor Axis:</b>	2 in.

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

**NEC/(UL) Specification:** CMR

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

CEC/C(UL) Specification: CMG

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

EU Directive 2003/11/EC (BFR): Yes

CA Prop 65 (CJ for Wire &amp; Cable): Yes

MII Order #39 (China RoHS): Yes

## Flame Test

UL Flame Test: UL1666 Riser

## Plenum/Non-Plenum

Plenum (Y/N): No

## 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

## Related Documents:

No related documents are available for this product

## 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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