

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)

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 (Install)/Minor Axis: 2 in.

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

NEC/(UL) Specification: CMR

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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 & 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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