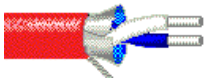


1175A Multi-Conductor - T1/DS1 Central Office Interconnect/Cross Connect Cable



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: 4.953 mm

Pair

Pair Color Code Chart:

Number	Color
1	Blue & White

Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +75°C
Bulk Cable Weight:	25.299 Kg/Km
Max. Recommended Pulling Tension:	68.947 N
Min. Bend Radius/Minor Axis:	50.800 mm

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

METRIC MEASUREMENT VERSION

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

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/m)
0.78744

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)
55.777

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)
54.7927

Nom. Attenuation:

Freq. (MHz)	Attenuation (dB/100m)
.772	1.47645
1	1.6405
4	2.88728
10	4.5934
20	6.562

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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