
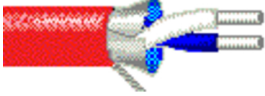


Product: [1175A](#) 

T1/DS1 Central Office, #22-1pr, Shielded, CMR/CMG



Product 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.

Technical Specifications

Product Overview

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

Conductor

Element	Number of Element	Size	Stranding	Material
Pair(s)	1	22 AWG	Solid	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Pair(s)	PE - Polyethylene	0.024 in (0.61 mm)	0.073 in (1.9 mm)	Blue & White

Outer Shield

Shield Type	Material	Coverage	Drainwire Type
Tape	Bi-Laminate (Alum+Poly)	100%	24 AWG (Solid) TC

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.020 in (0.51 mm)	0.195 in	Yes

Overall Cable Diameter (Nominal):	0.195 in
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Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Nom. Characteristic Impedance	Max. Current
20.6 Ohm/1000ft	17 pF/ft (56 pF/m)	30.6 pF/ft (100 pF/m)	100 Ohm	6 Amps per Conductor at 30°C

Voltage

UL Voltage Rating
300 V

Mechanical Characteristics

Temperature

UL Temperature	Operating
75°C	-20°C to +75°C

Bend Radius

Stationary Min.	Installation Min.

1.95 in (49.5 mm)	1.95 in
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Max. Pull Tension:	20.7 lbs
Bulk Cable Weight:	17 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor - Riser, Indoor
Flammability / Reaction to Fire:	UL1666 Riser, FT4
NEC / UL Compliance:	Article 800, CMR
CEC / C(UL) Compliance:	CMG
European Directive Compliance:	EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

History

Update and Revision:	Revision Number: 0.317 Revision Date: 12-21-2021
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Variants

Item #	Color	Putup Type	Length	UPC
1175A 0021000	Red	Reel	1,000 ft	612825107859
1175A 0025000	Red	Reel	5,000 ft	612825107873
1175A 0026600	Red	Reel	6,600 ft	612825107880
1175A 00210000	Red	Reel	10,000 ft	612825107866

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