



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	No. of Elements	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 Impedence	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

Max. Pull Tension:	20.7 lbs (9.39 kg)
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: 0.325 Revision Date: 05-31-2024
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Part Numbers

Variants

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

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