



Product: [73502T](#)



DS3/DS4 Central Office Coax, 2 x Sub-miniature RG-59, 26 AWG, Solid SC, Foil + 95% TC Braids, PVC Inner & Outer Jkts, Tracer, CMR

Product Description

DS3/DS4 Central Office Coax, 2 Coaxes, Sub-miniature RG-59, 26 AWG, Solid Silvered Copper Conductor, PE Insulation, Foil + 95% Tinned Copper Braid Shields, PVC Inner and Outer Jackets, Tracer Wire, CMR

Technical Specifications

Product Overview

Suitable Applications:	Central office wiring, DS3/DS4 interconnect, 734/735 telecommunications systems, switchboard communications
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Construction Details

RG Type:	Sub-miniature 59
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Conductor

Size	Stranding	Nom. Diameter	Material
26 AWG	Solid	0.016 in	SC - Silvered Copper

Insulation

Material	Nom. Insulation Diameter
PE - Polyethylene (Foam)	0.077 in (2.0 mm)

Inner Shield

Layer	Shield Type	Material	Material Trade Name	Coverage
1	Tape	Bi-Laminate (Alum+Poly)	Beldfoil®	100%
2	Braid	Tinned Copper (TC)		95%

Inner Jacket

Material	Nom. Diameter
PVC - Polyvinyl Chloride	0.129 in (3.28 mm)

Table Notes:	One red, one gray
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Outer Jacket

Material
PVC - Polyvinyl Chloride

Table Notes:	0.308 in x 0.179 in, 22 AWG tracer wire on side
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Electrical Characteristics

Return Loss (RL)

Frequency	Min. Return Loss
15 - 95 MHz	30 dB

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Shield	Nom. Characteristic Impedance	Nom. Velocity of Prop.
41 Ohm/1000ft (130 Ohm/km)	17.7 pF/ft (58.1 pF/m)	75 Ohm	76%

Voltage

UL Voltage Rating

300 V (CMR, CMG)

Mechanical Characteristics

Temperature

Operating

-20°C to +75°C

Bend Radius

Installation Min.

3.1 in

Max. Pull Tension: 37 lbs (17 kg)

Bulk Cable Weight: 36 lbs/1000ft

Standards and Compliance

Environmental Suitability: Indoor - Riser, Indoor

Sustainability: CA Prop 65

Flammability / Reaction to Fire: UL1666 Vertical Shaft

NEC / UL Compliance: CMR

CEC / C(UL) Compliance: CMG

European Directive Compliance: EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), REACH, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)

APAC Compliance: China RoHS II (GB/T 26572-2011)

Other Standard Compliance(s): Telcordia Specification GR-139-CORE.

History

Update and Revision: Revision Number: 0.189 Revision Date: 11-09-2022

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
73502T 008500	Gray	Reel	500 ft	612825185062
73502T 0081000	Gray	Reel	1,000 ft	612825185055

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