


**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

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

#### Insulation

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

#### Inner Shield Material

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

#### Inner Jacket Material

Material	Nom. Diameter
PVC - Polyvinyl Chloride	0.129 in

Table Notes:	One red, one gray
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#### Outer Jacket Material

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 [MHz]	Min. Return Loss [dB]
15 - 95 MHz	30 dB

##### Attenuation

Frequency	Max. Attenuation [dB/100ft]
1 MHz	0.6 dB/100ft
1.024 MHz	0.61 dB/100ft
4.224 MHz	1.1 dB/100ft
5 MHz	1.2 dB/100ft

10 MHz	1.7 dB/100ft
17.184 MHz	2.2 dB/100ft
22.368 MHz	2.5 dB/100ft
25.92 MHz	2.7 dB/100ft
44.736 MHz	3.6 dB/100ft
50 MHz	3.8 dB/100ft
69.632 MHz	4.5 dB/100ft
77.76 MHz	4.8 dB/100ft
100 MHz	5.5 dB/100ft
137.088 MHz	6.4 dB/100ft
200 MHz	7.8 dB/100ft

#### Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Shield	Nom. Impedance	Nom. Velocity
41 Ohm/1000ft	17.7 pF/ft	75 Ohm	76%

#### Voltage

<b>UL Voltage Rating</b>
300 V (CMR, CMG)

## Mechanical Characteristics

#### Temperature

<b>Operating</b>
-20°C to +75°C

#### Bend Radius

Stationary Min.	Installation Min.
1.3 in	3.1 in

Bulk Cable Weight:	36 lbs/1000ft
Max. Pull Tension:	37 lbs

## Standards and Compliance

Environmental Suitability:	Indoor - Riser, Indoor
Sustainability:	CA Prop 65
Flammability / Fire Resistance:	UL1666 Vertical Shaft
NEC / UL Compliance:	CMR
CEC / C(UL) Compliance:	CMG
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU, EU Directive 2011/65/EU (ROHS II), 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: 0.173 Revision Date: 09-30-2020
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