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1-800-Belden1



General Description:

26 AWG solid .016" silver-plated copper conductor(s), foam HDPE insulation, Beldfoil® + tinned copper braid shield (95% coverage), PVC jackets. (2) of these coax run parallel under an overall common jacket. PVC insulated tracer wire in Siamese config.

Physical Characteristics (Overall)

Conductor

AWG:

# Coax	AWG	Stranding	Conductor Material	Dia. (mm)
2	26	Solid	SPC - Silver Plated Copper	0.4191

Total Number of Conductors: 3

Insulation

Insulation Material:

Insulation Material	Dia. (mm)
FHDPE - Foam High Density Polyethylene	1.9558

Inner Shield

Inner Shield Material:

Layer #	Inner Shield Trade Name	Type	Inner Shield Material	Coverage (%)
1	Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100.000
2		Braid	TC - Tinned Copper	95.000

Inner Jacket

Inner Jacket Material:

Inner Jacket Material	Nom. Dia. (mm)
PVC - Polyvinyl Chloride	3.2766

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

Overall Cable

Overall Nominal Diameter: 4.547 x 7.823 mm

Mechanical Characteristics (Overall)

Operating Temperature Range:	-40°C To +75°C
Bulk Cable Weight:	59.528 Kg/Km
Max. Recommended Pulling Tension:	240.203 N
Min. Bend Radius/Minor Axis:	31.750 mm
Min. Bend Radius (Overall):	82.550 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 CE Mark:	Yes
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	01/01/2004
EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes
Other Specification:	Telcordia Specification GR-139-CORE.

Flame Test

UL Flame Test:	UL1666 Vertical Shaft
CSA Flame Test:	FT4

Suitability

Suitability - Indoor:	Yes
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Plenum/Non-Plenum

Plenum (Y/N):	No
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Electrical Characteristics (Overall)**Nom. Characteristic Impedance:**

Impedance (Ohm)
75

Nom. Inductance:

Inductance (µH/m)
0.62339

Nom. Capacitance Conductor to Shield:

Capacitance (pF/m)
58.0737

Nominal Velocity of Propagation:

VP (%)
76

Nominal Delay:

Delay (ns/m)
4.39654

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)
134.521

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km)
17.3893

Max. Operating Voltage - UL:

Voltage
300 V RMS

Max. Operating Voltage - Non-UL:

Voltage
300 V RMS

Other Electrical Characteristic 1:	Impedance tested in Accordance with ASTM D-4566 Paragraph 43.2, Option 2 Using a 75 Ohm Fixed Bridge and Termination.
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73502T Coax - 735A* Series**Other Electrical Characteristic 2:**

RL tested in Accordance with ASTM D-4566 Paragraph 45.3, Using a 75 Ohm Fixed Bridge and Termination.

Minimum Return Loss:

Description	Freq. (MHz)	Start Freq. (MHz)	Stop Freq. (MHz)	Min. RL (dB)
		15	95	30

Sweep Test

Sweep Testing: 100%

Notes (Overall)

Notes: Tracer: 22 AWG (7x30) .080 TC - Tinned Copper.

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
73502T 0081000	1,000 FT	43.000 LB	GRAY	C	DUAL #26 SH + 1#22 FRPVC
73502T 008500	500 FT	20.500 LB	GRAY	C	DUAL #26 SH + 1#22 FRPVC

Notes:

C = CRATE REEL PUT-UP.

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