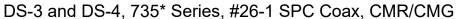


Product: <u>735A1</u> ☑





Product Description

26 AWG solid .016" (.40mm) silver-plated copper conductor(s), foam HDPE insulation, Beldfoil®; tinned copper braid shield (95% coverage), PVC jacket.

Technical Specifications

Physical Characteristics (Overall)

Conductor AWG Stranding Material Nominal Diameter No. of Coax 26 Solid SCCS - Silvered Copper Covered Steel 0.016 in 1 Conductor Count: 1

Insulation

Material	Nominal Diameter
PE - Polyethylene (Foam)	0.077 in

Outer Shield

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

Outer Jacket

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.129 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR Conductor Resistance DCR		Nominal Outer Shield DCR	Outer Conductor DCR
41 Ohm/1000ft	41 Ohm/1000ft	5.3 Ohm/1000ft	5.3 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Shield 17.7 pF/ft

Inductance

Nominal Inductance

Impedance

Nominal Characteristic Impedance

Return Loss (RL)

Frequency [MHz]	Minimum Return (RL)
15-90 dB	30 dB

Delay

Nominal Delay	Nominal Velocity of Propagation (VP) [%]
1.34 ns/ft	76%

High Frequency

Frequency [MHz]	Max. Insertion Loss (Attenuation)
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
200 MHz	7.8 dB/100ft

Voltage

UL Voltage Rating 300 V RMS

Temperature Range

Operating Temp Range:	-40°C To +75°C	

Mechanical Characteristics

Bulk Cable Weight:	12 lbs/1000ft
Max. Pull Tension:	25 lbs
Min. Bend Radius/Minor Axis:	1.25 in

Standards

NEC/(UL) Compliance:	CMR
CEC/C(UL) Compliance:	CMG
CPR Euroclass:	Eca
RG Type:	Mini 59
Other Specification:	Telcordia Specification GR-139-CORE.

Applicable Environmental and Other Programs

Environmental Space:	Indoor - Riser
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/11/EC (BFR):	Yes
EU Directive 2011/65/EU (RoHS 2):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU (RoHS 2 amendment):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
MII Order #39 (China RoHS):	Yes

Suitability

Suitability - Indoor:	Yes

Flammability, LS0H, Toxicity Testing

UL Flammability:	UL1666 Vertical Shaft
CSA Flammability:	FT4
IEC Flammability:	IEC 60332-1-2
UL voltage rating:	300 V RMS