

84303

Part Number: 84303



Product Description

18 AWG solid .037" silver-coated copper-covered steel conductor, plenum, TFE Teflon® insulation, silver-coated copper braid shield (95% coverage), FEP jacket.

Product Specifications

Conductor

Total Number of Conductors:

1

Technical Specifications

APAC Standard

MIl Order #39 (China RoHS):

Yes

Bend Radius

Min Bend Radius/Minor Axis:

2 in

CCB-Part Number

Notes:

Teflon® is a registered trademark of E. I. duPont de Nemours and Co. used under license by Belden, Inc.

CCB-Sub-Part Number

Plenum (Y/N):

Yes

Contact Information

PHONE_NUM:

1-800-Belden1

EMEA Standard

EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
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Environmental Characteristics

Operating Temp Range:	-70°C To +200°C
Suitability - Indoor:	Yes

EU Directive

EU CE Mark:	No
EU RoHS Compliance Date (yyyy-mm-dd):	2005-04-01

North American Standard

CA Prop 65 (CJ for Wire & Cable):	Yes
Military Specification:	MIL-DTL-17H, M17/111
NEC/(UL) Specification:	CL2P
RG Type:	303/U

Safety

UL Flammability:	NFPA 262
CSA Flammability:	FT6

Temperature Range

UL Temp Rating:	200°C
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Use

Max Recommended Pulling Tension:	112 lbs
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Impedance:

Nominal Characteristic Impedance

50 Ohm

Inductance:

Nominal Inductance

0.067 μ H/ft

Conductor DCR:

Nominal Conductor DCR	Nominal Outer Shield DCR
16.3 Ohm/1000ft	4.3 Ohm/1000ft

Delay:

Nominal Delay	Nominal Velocity of Propagation (VP)
1.48 ns/ft	70 %

Voltage:

Description	UL Voltage Rating	Voltage Rating
MIL	150V RMS	1400V RMS dB

Capacitance:

Nominal Capacitance Conductor to Shield
29 pF/ft

High Frequency (Nominal/Typical):

Frequency (MHz)	Nom. Insertion Loss
1 MHz	0.3 db/100ft
10 MHz	1.1 db/100ft
50 MHz	2.7 db/100ft
100 MHz	3.9 db/100ft
200 MHz	5.6 db/100ft
400 MHz	8.2 db/100ft
700 MHz	11 db/100ft
900 MHz	12.5 db/100ft
1000 MHz	13.5 db/100ft

Insulation:

Material	Material Trade Name	Nominal Diameter
TFE - Tetrafluoroethylene	Teflon®	0.116 in

Outerjacket 1:

Material	Nominal Diameter
FEP - Fluorinated Ethylene Propylene	0.17 in

Conductor:

AWG	Stranding	Material	Nominal Diameter	No. of Coax
18	Solid	SCCCS - Silver-coated Copper-covered Steel	0.037 in	1

Outershield 1:

Type	Material	Coverage
Braid	SCC - Silver-coated Copper	95 %

Product Variants

Part Number	Color	Put-Up Type	Length
84303 0011000	BROWN	Reel	1000 ft
84303 001500	BROWN	Reel	500 ft

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Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.