

83284

Part Number: 83284



Product Description

26 AWG stranded (7x34) .020" silver-plated copper-covered steel conductor, TFE Teflon® insulation, silver-plated 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:

1 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):

No

Contact Information

PHONE_NUM:

1-800-Belden1

EMEA Standard

EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
--------------------------	-------------------------------

Environmental Characteristics

Operating Temp Range:	-70°C To +200°C
-----------------------	-----------------

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-C-17, M17/113-RG316
RG Type:	316/U

Temperature Range

Non-UL Temp Rating:	200°C
---------------------	-------

Use

Max Recommended Pulling Tension:	21 lbs
----------------------------------	--------

Impedance:

Nominal Characteristic Impedance
50 Ohm

Inductance:

Nominal Inductance
0.067 μ H/ft

Conductor DCR:

Nominal Conductor DCR	Nominal Outer Shield DCR
84.1 Ohm/1000ft	6.5 Ohm/1000ft

Delay:

Nominal Delay	Nominal Velocity of Propagation (VP)
1.48 ns/ft	69.5 %

Voltage:

Description	Voltage Rating
900V RMS	Military Specification dB

High Freq:

Min. SRL (Structural Return Loss)
30 dB
30 dB
23 dB
21 dB
17 dB

Capacitance:

Nominal Capacitance Conductor to Shield
29 pF/ft

High Frequency (Nominal/Typical):

Frequency (MHz)	Nom. Insertion Loss
1 MHz	1.2 db/100ft
10 MHz	2.7 db/100ft
50 MHz	5.6 db/100ft
100 MHz	8.3 db/100ft
200 MHz	12 db/100ft
400 MHz	17.5 db/100ft
700 MHz	23.7 db/100ft
900 MHz	27.3 db/100ft
1000 MHz	29 db/100ft
1500 MHz	36.5 db/100ft
2000 MHz	42.5 db/100ft

2400 MHz	47.2 db/100ft
----------	---------------

3000 MHz	53.6 db/100ft
----------	---------------

Insulation:

Material	Material Trade Name	Nominal Diameter
TFE - Tetrafluoroethylene	Teflon®	0.058 in

Outerjacket 1:

Material	Nominal Diameter
FEP - Fluorinated Ethylene Propylene	0.098 in

Conductor:

AWG	Stranding	Material	Nominal Diameter	No. of Coax
26	7x34	SPCCS - Silver Plated Copper Covered Steel	0.02 in	1

Outershield 1:

Type	Material	Coverage
Braid	SPC - Silver Plated Copper	95 %

Product Variants

Part Number	Color	Put-Up Type	Length
83284 0091000	WHITE	Reel	1000 ft
83284 009100	WHITE	Reel	100 ft
83284 009500	WHITE	Reel	500 ft

© 2015 Belden, Inc

All Rights Reserved

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with EU RoHS (Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the compliance date may be in stock at Belden facilities and in our Distributor's inventory. The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information, and belief at the date of its publication. The information provided in this Product Disclosure is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. This Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.

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