



Product: <u>84316</u> ☑

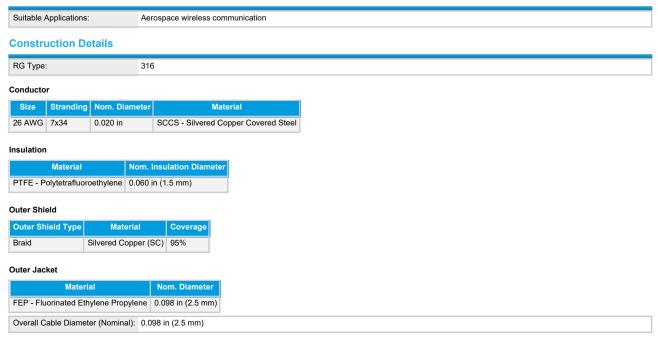
Mil-Spec Coax, 50 Ohm, RG-316, 26 AWG Str SCCS, 95% SC Braid, FEP Jkt, Commercial Non-QPL

Product Description

Mil-Spec Coax, 50 Ohm, RG-316, 26 AWG (7x34) Silvered Copper Covered Steel Conductor, PTFE Insulation, 95% Silvered Copper Braid Shield, FEP Jacket, Commercial, non-QPL

Technical Specifications

Product Overview



Electrical Characteristics

VSWR

Frequency	Max. VSWR		
1 MHz - 3000 MHz	per M17/113-RG316		

Attenuation

Frequency	Nom. Attenuation
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	12.0 dB/100ft
400 MHz	17.5 dB/100ft
700 MHz	23.7 dB/100ft
900 MHz	27.3 dB/100ft
1000 MHz	29.0 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

Electricals

Nom. Conductor DCR	Nom. Outer Shield DCR	Nom. Capacitance Cond-to-Shield	Nom. Characteristic Impedance	Nom. Velocity of Prop.
82.5 Ohm/1000ft (271 Ohm/km)	8.5 Ohm/1000ft (28 Ohm/km)	29 pF/ft (95 pF/m)	50 Ohm	70%

Voltage

Voltage Rating 900 V (Mil-Spec)

Mechanical Characteristics

Temperature

Operating -70°C to +200°C

Bend Radius



Max. Pull Tension:	27 lbs (12 kg)
Bulk Cable Weight:	10 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor/Outdoor, Indoor, Outdoor, Sunlight Resistance	
Sustainability:	CA Prop 65	
Military Compliance:	Commercial, non-QPL product (M17/113-RG316)	
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), REACH, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)	
APAC Compliance:	China RoHS II (GB/T 26572-2011)	

History

Update and Revision:	Revision Number: 0.341 Revision Date: 12-15-2021

Variants

Item #	Color	Putup Type	Length	UPC
84316 001100	Brown	Reel	100 ft	612825207016
84316 001500	Brown	Reel	500 ft	612825207139
84316 0011000	Brown	Reel	1,000 ft	612825207023

© 2022 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 here in 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 "ASIS" 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 all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information 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. The 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.

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for Coaxial Cables category:

Click to view products by Belden manufacturer:

Other Similar products are found below:

89880-003-1000 CY2389-000 8221-010-U1000 9116-010-U500 1322R-010-1000 1807A-B59-U1000 2020K8421-9X-CS3417 9251-010-1000 9275-010-U1000 935240-000 980704-001 CF2823-000 33312-010-500 CZ1589-000 5022W0809-0CS3263 10610-4-4 EF8108-000 1673B TIN100 672525-001 144517-000 735A1-008-1000 8212-010-U500 480414-000 7915A 009U1000 5024A1311-0 1281S5 010250 1530A 010U1000 9248 010U1000 9244 0101000 1694A 0081000 1190A 0101000 8241F J5C1000 1674A TIN50 7915A 0091000 TRCH-50-2 9066 0031000 7805R 008100 1674A TIN100 9116SB 0101000 9271 0061000 1613A 0101000 1807A B591000 5339Q5 009U500 539945 0091000 9116R 0101000 89207 010100 9058 0101000 8241A 0101000 DA7805R 0101000 C6424