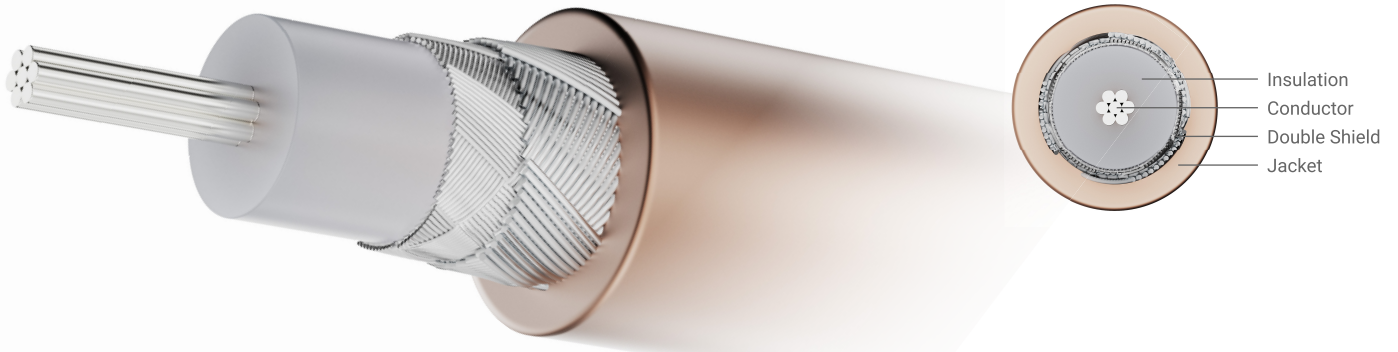


RG-316 Double Braid Coaxial Cable

Product Specification



Conductor	Insulation	Braid Shield 1	Braid Shield 2	Jacket
Material Silver Coated Copper Clad Steel Constructure 26AWG (7/0.175mm) Diameter 0.53mm	Material FEP Color Clear Thickness 0.51mm Diameter 1.53 ± 0.03mm	Material Silver-Coated Copper Construction 16 / 5 / 0.092mm Coverage 92%	Material Silver-Coated Copper Construction 16 / 5 / 0.092mm Coverage 84%	Material FEP Color Brown Thickness 0.30mm Diameter 2.93 ± 0.10mm

Electrical Properties

Description	Specification
Impedance	50 ± 3 Ω
Conductor Resistance	281 Ω/km 20°C Max
Insulation Resistance	3000 MΩ/km Min
Capacitance	96±3 pF/m
Dielectric Strength	AC 500V/Minute
Spark Test	1KV
Nom.Vel. of Prop.	69%
VSWR Test (0~6GHz)	Max 1.35
VSWR Test (6~8GHz)	Max 1.45
Flame Test	VW-1 OK

Physical Properties

Description	Specification		
Item	RG-316(26AWG)		
Rating Temp Voltage	105°C 30V		
Minimum Bend Radius	12mm		
Recognized	UL1979		
Insulation	Unaged	Tensile Strength	2500PSI Min. (1.76 Kg / (mm ²))
	Aged	Elongation	200% Min.
		Tensile Strength	UNAGED Min.75% (168HRSx232°C)
	Jacket	Unaged	Elongation
Tensile Strength			2500PSI Min. (1.76 Kg / (mm ²))
Aged		Elongation	200% Min.
		Tensile Strength	UNAGED Min.75% (168HRSx232°C)
Operation Temperature		-40°C ~ 200°C	
Storage Temperature		-40°C ~ 200°C	

Attenuation

Frequency (GHz)	0.1	2.0	4.0	6.0	7.2	8.0
dB/1m	0.34	1.40	2.05	2.63	3.09	3.19
dB/1ft	0.10	0.43	0.63	0.80	0.94	0.97

Note: Maximum value shall be not exceeded 115% of the nominal value.

Disclaimer: The image shown is for illustration purposes only and may not be an exact representation of the product.