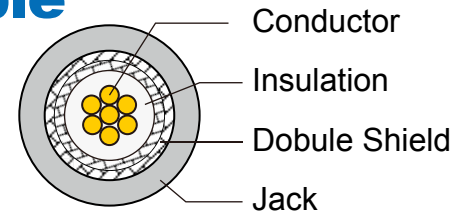
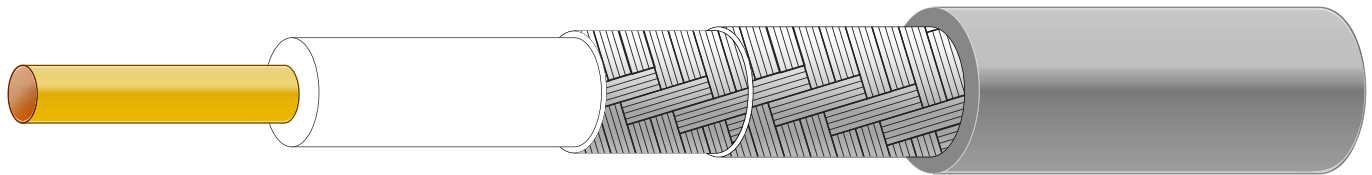


RG-316 Double Braid Coaxial Cable

Product No. D316DWS5AS (Brown jacket)



Structure Figure



Conductor

Material
Silver-Coated Copper
Clad Steel

Structure
26AWG (7/0.175 mm)

Diameter
0.53 mm

Insulation

Material
FEP

Average Thickness
0.51 mm

Color
Clear

Diameter
1.53 ± 0.03 mm

Braid Shield 1

Material
Silver-Coated Copper

Construction
16 / 5 / 0.092 mm

Cross NO.
13

Coverage
92.3 %

Braid Shield 2

Material
Silver-Coated Copper

Construction
16 / 5 / 0.092 mm

Cross NO.
13

Coverage
84.2 %

Jacket

Material
FEP

Average Thickness
0.30 mm

Color
Brown

Diameter
2.93 ± 0.10 mm

Electrical Characteristics

Description	Specification
Impedance	50 ± 5 Ω
Conductor Resistance	281 Ω/km 20°C Max.
Insulation Resistance	3000 MΩ/km Min.
Capacitance	95.8 ± 3 pF/M
Dielectric Strength	AC 1.0 KV/Minute
Spark Test	5 KV
Nom. Vel. of Prop.	69.5 %
VSWR	1.3 Max. at 6 GHz

Physical Characteristics

Description	Specification
Item	RG-316D (26AWG)
Rating Temp Voltage	105°C 30V
Recognized	UL 1979
Insulation	Unaged Tensile Strength 2500 PSI Min. (1.76 Kg / mm ²)
	Elongation 200% Min.
	Aged Tensile Strength Unaged Min.75% (168HRS×232°C)
	Elongation Unaged Min.75% (168HRS×232°C)
Jacket	Unaged Tensile Strength 2500 PSI Min. (1.76 Kg / mm ²)
	Elongation 200% Min.
	Aged Tensile Strength Unaged Min.75% (168HRS×232°C)
	Elongation Unaged Min.75% (168HRS×232°C)

Attenuation

Attenuation	100 MHz	2 GHz	4 GHz	6 GHz	8 GHz	12 GHz
dB/100m	34.1	140	205	263	319	480
dB/100ft	10.4	42.67	62.49	80.17	97.24	146.31