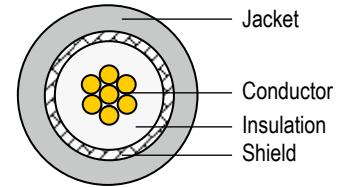


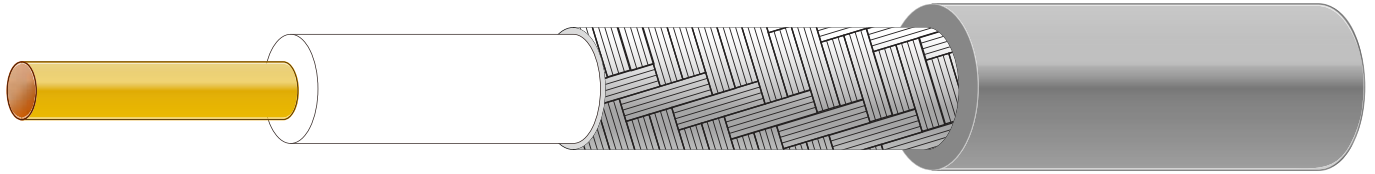


# 1.32mm Coaxial Cable

Product No. D1320WS5BS (Black jacket)  
D1320WS5GS (Gray jacket)



## Structure Figure



### Conductor

Material  
Silver Cover Copper

Construction  
32AWG (7/0.085 mm)

Diameter  
Approx. 0.22 mm

### Insulation

Material  
FEP

Average Thickness  
0.20 mm

Color  
Clear

Diameter  
0.70 ± 0.02 mm

### Shield

Material  
Silver Cover Copper

Construction  
16 / 4 / 0.05 mm

Coverage  
90.4 %

### Jacket

Material  
FEP

Average Thickness  
0.21 mm

Color  
Black, Gray

Diameter  
1.32 ± 0.05 mm

## Electrical Characteristics

Description	Specification
Impedance	50 ± 3 Ω
Conductor Resistance	850 Ω/km 20°C Max.
Insulation Resistance	1000 MΩ/km Min.
Capacitance	96 ± 3 pF/M
Dielectric Strength	AC 500 V/Minute
Spark Test	2.5 KV
Nom. Vel. of Prop.	69 %
VSWR (0 ~6 GHz)	1.3 Max.
Flame Test	VW-1 OK

## Physical Characteristics

Description	Specification
Item	1.32mm (32AWG)
Rating Temp Voltage	105°C 30V
Insulation	Unaged Tensile Strength 2500 PSI Min. (1.76 Kg / mm <sup>2</sup> )
	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 <sup>2</sup> )
	Elongation 200% Min.
Aged	Tensile Strength Unaged Min.75% (168HRS×232°C)
	Elongation Unaged Min.75% (168HRS×232°C)

## Attenuation

Attenuation	2.0 GHz	2.4GHz	2.5 GHz	5.0 GHz	6.0 GHz
dB/1m	2.80	3.10	3.15	4.85	5.20
dB/1ft	0.85	0.95	0.96	1.48	1.59