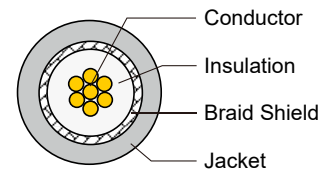
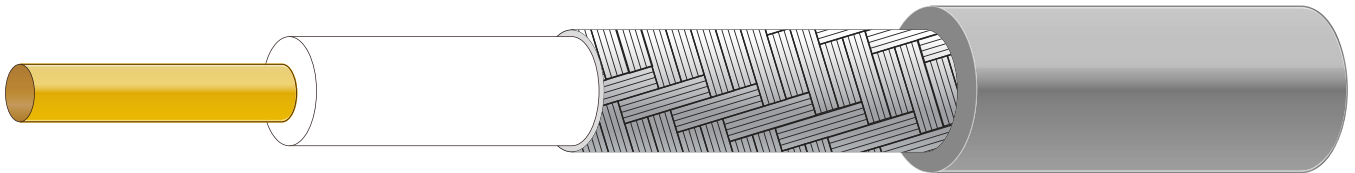


# 1.13mm Coaxial Cable

Product No.D1130115BT (Black Jacket )  
 D1130115GT (Gray jacket)  
 D1130115WT (White jacket)



## Structure Figure



### Conductor

Material  
Silver Coated Copper

Construction  
32AWG (7/0.085 mm)

Diameter  
0.26 mm

### Insulation

Material  
FEP

Average Thickness  
0.22mm

Color  
Clear

Diameter  
0.70±0.03mm

### Shield

Material  
Tinned Copper

Construction  
16 / 4 / 0.050 mm

Coverage  
90%

### Jacket

Material  
FEP

Color  
According to custom

Average Thickness  
0.12mm

Diameter  
1.13±0.1mm

## Electrical Characteristics

Description	Specification
Impedance	50 ±3 Ω
Conductor Resistance	497 Ω/km 20°C Max.
Insulation Resistance	3000 MΩ.km Min.
Capacitance	96± 3 pF/M
Dielectric Strength	AC 500 V/Minute
Spark Test	1 KV
Nom.Vel. of. Prop.	69%
VSWR Test (0~6GHz)	1.35 Max.
VSWR Test (6~8GHz)	1.45 Max.
Flame Test	VW-1 OK

## Physical Characteristics

Description	Specification		
Item	1.13mm (32AWG)		
Rating Temp Voltage	105°C 30V		
Minimum Bend Radius	5.0 mm		
Recognized	UL 1979		
Insulation	Uaged	Tensile Strength	2500 PSI Min. ( 1.76 Kg / (mm <sup>2</sup> ))
		Elongation	200% Min.
	Aged	Tensile Strength	UNAGED Min.75% (232°C×168HRS)
		Elongation	UNAGED Min.75% (232°C×168HRS)
Jacket	Uaged	Tensile Strength	2500 PSI Min. ( 1.76 Kg / (mm <sup>2</sup> ))
		Elongation	200% Min.
	Aged	Tensile Strength	UNAGED Min.75% (232°C×168HRS)
		Elongation	UNAGED Min.75% (232°C×168HRS)
Operation Temperature	-40°C~200°C		
Storage Temperature	-40°C~200°C		

## Attenuation

Frequency(GHz)	1 GHz	2 GHz	3 GHz	4 GHz	5 GHz	6 GHz	7 GHz	8 GHz
dB/1m	2.20	3.10	3.90	4.50	5.00	5.50	6.10	6.70
dB/ft	0.67	0.95	1.19	1.37	1.52	1.68	1.86	2.04