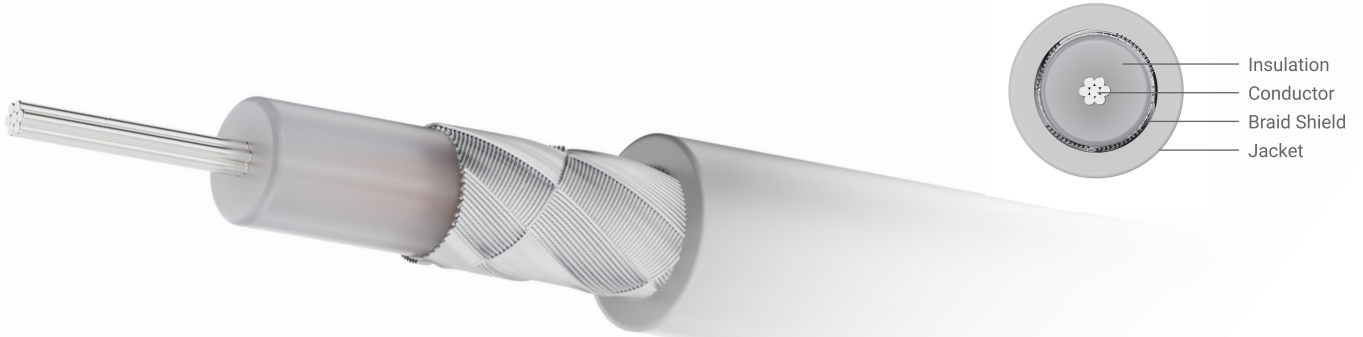


# 1.13mm Coaxial Cable

## Product Specification

Available colors: (Black jacket)  
(Gray jacket)  
(White jacket)



Conductor	Insulation	Braid Shield	Jacket
<b>Material</b> Silver Coated Copper <b>Constructure</b> 32AWG (7/0.085mm) <b>Diameter</b> 0.26mm	<b>Material</b> FEP <b>Color</b> Clear <b>Thickness</b> 0.22mm <b>Diameter</b> 0.70 ± 0.03mm	<b>Material</b> Tinned Copper Wire <b>Construction</b> 16 / 4 / 0.050mm <b>Coverage</b> 90%	<b>Material</b> FEP <b>Color</b> According to custom <b>Thickness</b> 0.12mm <b>Diameter</b> 1.13 ± 0.1mm

## Electrical Properties

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 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	1.13mm(AWG#32)		
Rating Temp Voltage	105°C 30V		
Minimum Bend Radius	5.0mm		
Recognized	UL1979		
Insulation	Unaged	Tensile Strength	2500PSI Min. (1.76 Kg / (mm <sup>2</sup> ))
		Elongation	200% Min.
	Aged	Tensile Strength	UNAGED Min.75% (168HRSx232°C)
		Elongation	UNAGED Min.75% (168HRSx232°C)
Jacket	Unaged	Tensile Strength	2500PSI Min. (1.76 Kg / (mm <sup>2</sup> ))
		Elongation	200% Min.
	Aged	Tensile Strength	UNAGED Min.75% (168HRSx232°C)
		Elongation	UNAGED Min.75% (168HRSx232°C)
Operation Temperature	-40°C ~ 200°C		
Storage Temperature	-40°C ~ 200°C		

## Attenuation

Frequency (GHz)	1	2	3	4	5	6	7	8
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

**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.