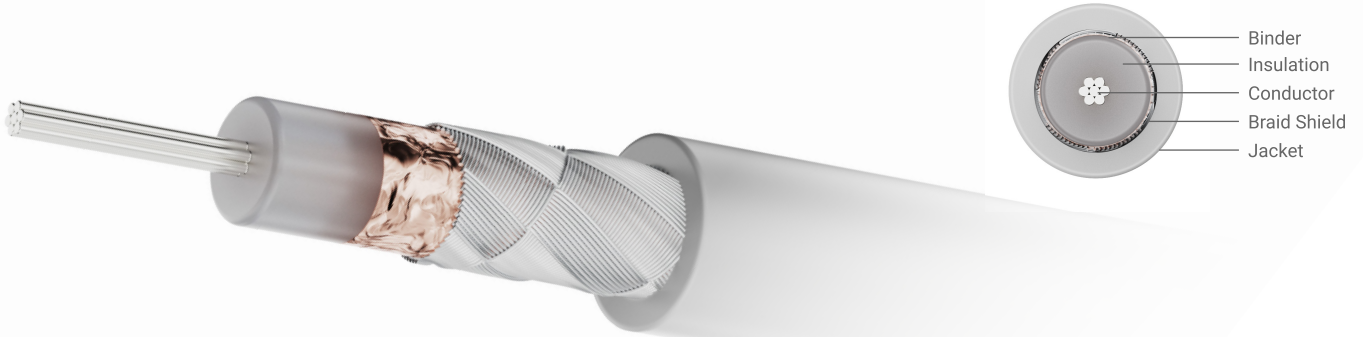


1.13mm Low Loss Coaxial Cable

Available colors: (Gray jacket)
(Black jacket)

Product Specification



Conductor	Insulation	Binder	Braid Shield	Jacket
Material Silver Coated Copper Constructure 7/0.085mm Diameter 0.26mm	Material FEP Color Clear Thickness 0.22mm Diameter 0.70 ± 0.05mm	Material Cu-PET Tape	Material Tinned Copper Wire Construction 16 / 4 / 0.050mm Coverage 85%	Material FEP Color According to custom (MOQ 3K meters) Thickness 0.10mm Diameter 1.13 ± 0.05mm(AWG#32)

Electrical Properties

Description	Specification
Impedance	50 ± 3 Ω
Conductor Resistance	482 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 min		
Recognized	UL1979		
Insulation	Unaged	Tensile Strength	2500PSI Min. (1.76 Kg / (mm ²))
		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 ²))
		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)	0.1	0.4	0.8	1.0	2.4	5.0	5.8	6.0	7.2	8.0
dB/1m	1.0	1.21	1.64	1.80	2.66	3.87	4.25	4.31	4.73	5.14
dB/ft	0.31	0.37	0.50	0.55	0.81	1.18	1.30	1.31	1.44	1.57

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.