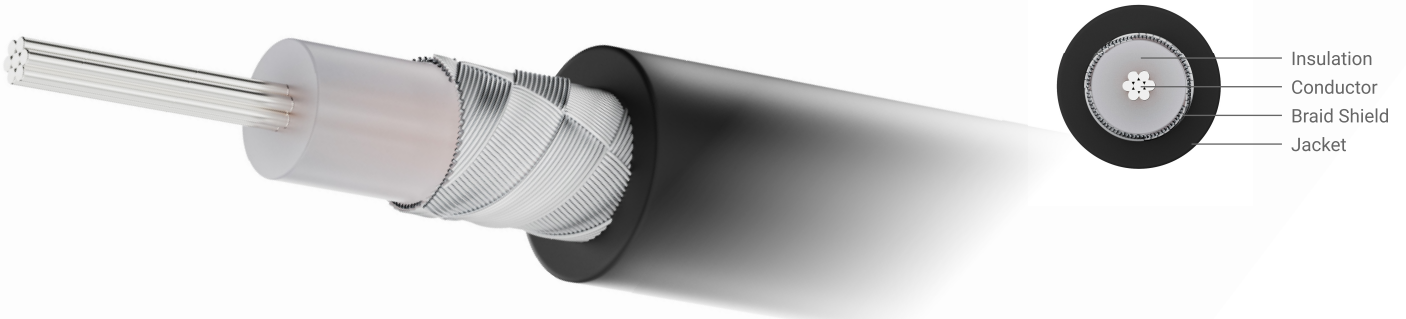


1.48mm Coaxial Cable

Product Specification



Conductor	Insulation	Braid Shield	Jacket
Material Silver Coated Copper Clad Steel Constructure 30AWG (7/0.102mm) Diameter 0.31mm	Material FEP Color Clear Thickness 0.28mm Diameter 0.86 ± 0.03mm	Material Silver-Coated Copper Construction 16 / 5 / 0.05mm Coverage 91.6%	Material FEP Color Black Thickness 0.21mm Diameter 1.48 ± 0.05mm

Electrical Properties

Description	Specification
Impedance	50 ± 3 Ω
Conductor Resistance	838 Ω/km 20°C Max
Insulation Resistance	3000 MΩ/km Min
Capacitance	95.8 pF/m
Dielectric Strength	AC 1KV/Minute
Spark Test	2KV
Nom.Vel. of Prop.	69.5%
VSWR Test (0~6GHz)	Max 1.30
Operation Temperature	-60°C ~ +200°C

Physical Properties

Description	Specification		
Item	1.48mm(AWG#30)		
Rating Temp Voltage	105°C 30V		
Thermal Shock	Max 1mm at 232°C/1HR		
Minimum Bend Radius	9mm		
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)

Attenuation

Frequency (GHz)	1.0	1.8	2.4	5.2	6.0
dB/1m	1.6	2.6	2.9	4.5	4.9
dB/ft	0.55	0.79	0.88	1.37	1.49

Disclaimer: The image shown is for illustration purposes only and may not be an exact representation of the product.