

1.32mm Double Braid Coaxial Cable

Product Specification

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



Conductor	Insulation	Braid Shield 1	Braid Shield 2	Jacket
Material Silver Coated Copper Construction 32AWG (7/0.085mm) Diameter Approx. 0.26mm	Material FEP Color Clear Thickness 0.22mm Diameter 0.70 ± 0.03mm	Material Tinned Copper Construction 16 / 4 / 0.050mm Coverage 90%	Material Tinned Copper Construction 16 / 4 / 0.050mm Coverage 79%	Material FEP Color According to custom Thickness 0.11mm Diameter 1.32 ± 0.05mm(AWG#32)

Electrical Properties

Description	Specification
Impedance	50 ± 5 Ω
Conductor Resistance	545 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	1.32mm(AWG#32)		
Rating Temp Voltage	105°C 30V		
Minimum Bend Radius	6.0mm		
Recognized	UL1979		
Insulation	Unaged Tensile Strength	2500PSI Min. (1.76 Kg / (mm ²))	
	Aged	Elongation	200% Min.
		Tensile Strength	UNAGED Min.75% (168HRSx232°C)
	Jacket	Unaged Elongation	UNAGED Min.75% (168HRSx232°C)
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)	1.0	2.0	2.4	2.5	5.0	6.0	7.2	8.0
dB/1m	2.01	2.80	3.10	3.15	4.85	5.30	6.67	7.23
dB/1ft	0.61	0.85	0.95	0.96	1.48	1.61	2.03	2.20

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.