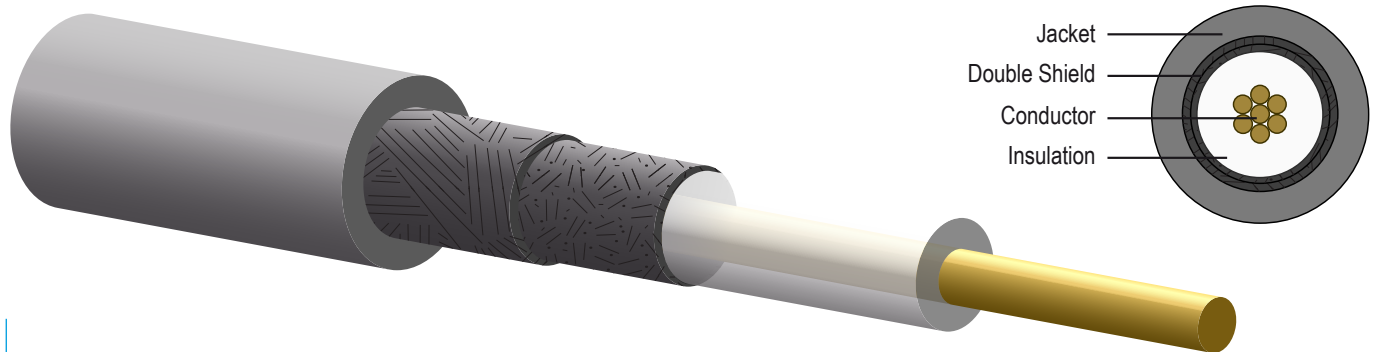


1.32mm Double Braid Coaxial Cable Product Specification

格瑞康實業有限公司



Jacket

Material
FEP

Average Thickness
0.12 mm

Color
Black, Grey

Diameter
 $1.32 \pm 0.05\text{mm}$

Braid Shield 1

Material
Silver Covered Copper

Construction
16 / 4 / 0.050mm

Coverage
90.4%

Braid Shield 2

Material
Silver Covered Copper

Construction
16 / 4 / 0.050mm

Coverage
78.4%

Insulation

Material
FEP

Average Thickness
0.20 mm

Color
Clear

Diameter
 $0.70 \pm 0.02\text{mm}$

Conductor

Material
Silver Covered Copper

Structure
32AWG (7/0.085mm)

Diameter
Approx 0.22mm

Electrical Characteristics

Description	Specification
Impedance	$50 \pm 3 \Omega$
Conductor Resistance	850 Ω /km 20°C maximum
Insulation Resistance	1000 M /km minimum
Capacitance	96 ± 3 pF/M
Dielectric Strength	500 V AC/minute
Spark Test	2.5 KV
Nom. Vel. of Prop.	69%
VSWR (0~6 GHz)	1.3 maximum
Flame Test	VW-1 OK

Physical Characteristics

Description		Specification	
Item	1.32mm (32AWG)		
Rating Temp Voltage	105°C 30V		
Recognized	UL 1979		
Insulation	Unaged	Tensile Strength	2500 PSI minimum (1.76kg/mm ²)
		Elongation	200% minimum
	Aged	Tensile Strength	Unaged minimum 75% (168HRS x 232°C)
		Elongation	Unaged minimum 75% (168HRS x 232°C)
Jacket	Unaged	Tensile Strength	2500 PSI minimum (1.76kg/mm ²)
		Elongation	200% minimum
	Aged	Tensile Strength	Unaged minimum 75% (168HRS x 232°C)
		Elongation	Unaged minimum 75% (168HRS x 232°C)

Attenuation

Attenuation	2.0 GHz	2.4 GHz	2.5 GHz	5.0 GHz	6.0 GHz
dB/1m	2.80	3.10	3.15	4.85	5.20
dB/1ft	0.85	0.95	0.96	1.48	1.59