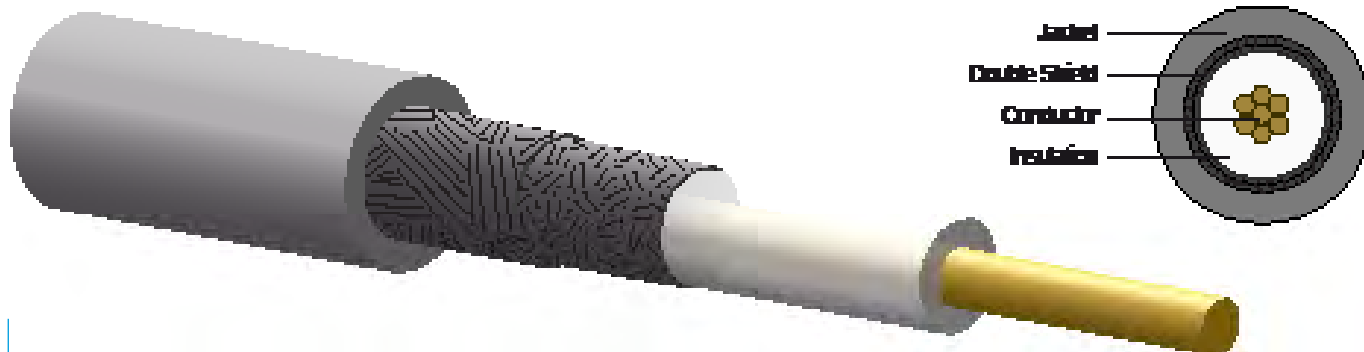


# 1.32mm Double Braid Coaxial Cable Product Specification



## Jacket

Material  
FEP

Average Thickness  
0.13 mm

Color  
Black, Grey

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

## Braid Shield 1

Material  
Tinned Copper

Construction  
16 / 4 / 0.050mm

Coverage  
90%

## Braid Shield 2

Material  
Tinned Copper

Construction  
16 / 4 / 0.050mm

Coverage  
79%

## Insulation

Material  
FEP

Average Thickness  
0.22 mm

Color  
Clear

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

## Conductor

Material  
Silver Covered Copper

Structure  
32AWG (7/0.085mm)

Diameter  
Approx 0.24mm

## Electrical Characteristics

Description	Specification
Impedance	$50 \pm 3 \Omega$
Conductor Resistance	545 $\Omega$ /km 20°C maximum
Insulation Resistance	1000 M /km minimum
Capacitance	$96 \pm 3$ 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 <sup>2</sup> )
		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 <sup>2</sup> )
		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	5.30
dB/1ft	0.85	0.95	0.96	1.48	1.62