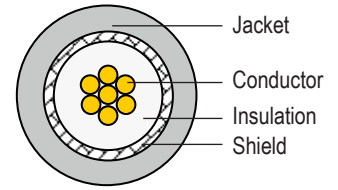


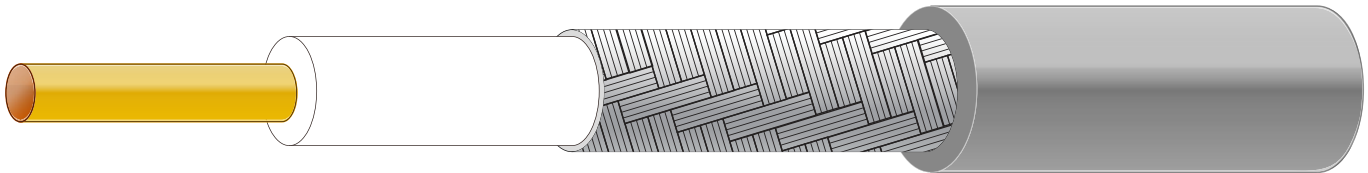


1.37mm Coaxial Cable

- Product No. **D1370115BT** (Black jacket)
- D1370115GT** (Gray jacket)
- D1370115WT** (White jacket)
- D1370115AT** (Brown jacket)
- D1370115RT** (Red jacket)
- D1370115LT** (Blue jacket)
- D1370115YT** (Yellow jacket)
- D1370115CT** (Orange jacket)
- D1370115ET** (Green jacket)



Structure Figure



Conductor

Material
Silver-Coated Copper

Construction
30AWG (7/0.107 mm)

Diameter
0.32mm

Insulation

Material
FEP

Average Thickness
0.30 mm

Color
Clear

Diameter
0.92±0.03 mm

Shield

Material
Tinned Copper

Construction
16 / 6 / 0.05 mm

Coverage
96 %

Jacket

Material
FEP

Color
According to custom

Thickness
0.13 mm

Diameter
1.37±0.05 mm

Electrical Characteristics

Description	Specification
Impedance	50 ± 3 Ω
Conductor Resistance	314 Ω/km 20°C Max.
Insulation Resistance	3000 MΩ-km Min.
Capacitance	96 ± 3 pF/m
Dielectric Strength	AC 500V/Minute
Spark Test	1 KV
Nom. Vel. of Prop.	69%
VSWR (0~6 GHz)	1.35 Max.
VSWR (0~8 GHz)	1.45 Max.
Flame Test	VW-1 OK

Physical Characteristics

Description		Specification	
Item		1.37mm (30AWG)	
Rating Temp Voltage		105°C 30V	
Minimum Bend Radius		6 mm	
Recognized		UL 1979	
Insulation	Unaged	Tensile Strength	2500 PSI Min. (1.76 Kg / mm ²)
		Elongation	200% Min.
	Aged	Tensile Strength	Unaged Min.75% (232°Cx 168H)
		Elongation	Unaged Min.75% (232°Cx 168H)
Jacket	Unaged	Tensile Strength	2500 PSI Min. (1.76 Kg / mm ²)
		Elongation	200% Min.
	Aged	Tensile Strength	Unaged Min.75% (232°Cx 168H)
		Elongation	Unaged Min.75% (168HRS×232°C)
Operation Temperature		-40°C~200°C	
Storage Temperature		-40°C~200°C	



Attenuation

Attenuation	1 GHz	2 GHz	2.4 GHz	2.5 GHz	5.15 GHz	5.35 GHz	6.0 GHz	7.2GHz	8.0GHz
dB/1m	1.6	2.3	2.5	2.6	3.9	4.0	4.3	5.3	5.8
dB/1ft	0.49	0.71	0.77	0.80	1.19	1.22	1.32	1.62	1.77

NOTE: Maximum value shall be not exceeded 115% of the nominal value