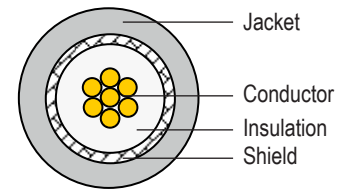
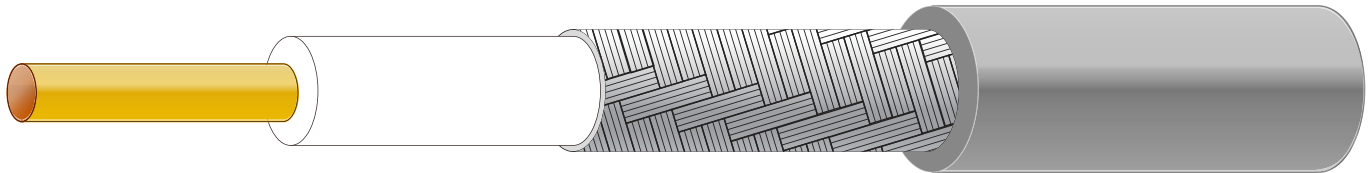


1.37mm Coaxial Cable

UL1979 Product No. D1370115BT (Black jacket) D1370115LT(Blue jacket)
 D1370115GT (Gray jacket) D1370115AT(Brown jacket)
 D1370115WT (White jacket) D1370115YT(Yellow jacket)
 D1370115RT (Red jacket)



Structure Figure



Conductor

Material
Silver-Coated Copper

Construction
AWG 30(7/0.107mm)

Diameter
Approx. 0.32 mm

Insulation

Material
FEP

Average Thickness
0.30 mm

Color
Clear

Diameter
 0.92 ± 0.03 mm

Shield

Material
Tinned Copper Wire

Construction
16 / 6 / 0.05 mm

Coverage
96.4 %

Jacket

Material
FEP

Average Thickness
0.13 mm

Color
Black, Gray, White,
Blue,Brown, Yellow, Red

Diameter
 1.37 ± 0.05 mm

Electrical Characteristics

Description	Specification
Impedance	$50 \pm 3 \Omega$
Conductor Resistance	335 Ω /km 20°C Max.
Insulation Resistance	3000 M Ω /km Min.
Capacitance	95.8 pF/M
Dielectric Strength	AC 1 KV/Minute
Spark Test	3 KV
Nom. Vel. of Prop.	69.5 %
VSWR (0 ~6 GHz)	1.3 Max.
working Temperature	-50°C ~ +200°C

Physical Characteristics

Description	Specification
Item	1.37mm (AWG#30)
Rating Temp Voltage	105°C 30V
Thermal Shock	Max 1 mm at 232°C/1HR
Minimum Bend Radius	9 mm
Insulation	Unaged Tensile Strength 2500 PSI Min. (1.76 Kg / mm ²)
	Elongation 200% Min.
Aged	Tensile Strength Unaged Min.75% (168HRS×232°C)
	Elongation Unaged Min.75% (168HRS×232°C)
Jacket	Unaged Tensile Strength 2500 PSI Min. (1.76 Kg / mm ²)
	Elongation 200% Min.
Aged	Tensile Strength Unaged Min.75% (168HRS×232°C)
	Elongation Unaged Min.75% (168HRS×232°C)

Attenuation

Attenuation	2.4 GHz	2.5 GHz	5.15 GHz	5.35 GHz	6.0 GHz
dB/1m	2.5	2.6	3.9	4.0	4.3
dB/1ft	0.76	0.79	1.19	1.22	1.31