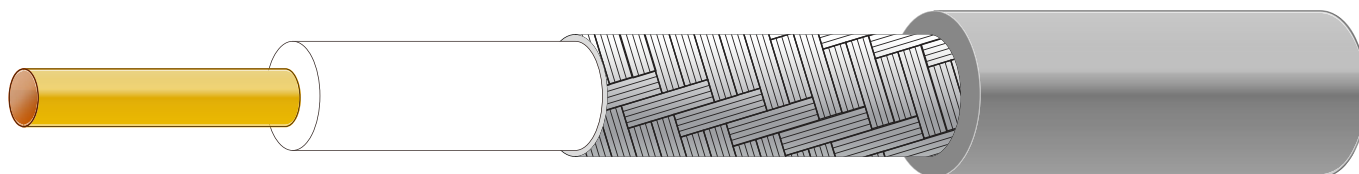
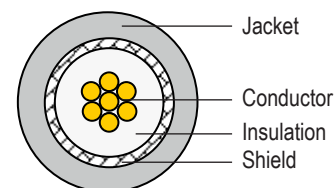




1.37mm Coaxial Cable

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