



1.13 mm Low Loss Co-axial Cable

- The high Performance of attenuation allows co-axial cable to be used in different RF systems , such as 3G, 4G Mobile Communication.
- Wide range of applications, such as indoor distribution, broadcast, various base stations wireless cellular, and others
- Lower VSWR, perfect shielding effectiveness, and extraordinary inter-modulation performance lead to fewer energy loss and outer interference

Construction		Diameter
Conductor	Silver Cover Copper	0.22 mm
Insulation	FEP	0.70 mm
Braid Shield	Tinned Copper Wire	0.050 mm
Jacket	FEP	1.13 ± 0.05 mm

Frequency (GHz)	Attenuation	
	dB/1 m	dB/1 ft
1.0	1.6	0.48
2.0	2.2	0.66
2.4	2.5	0.75
6.0	4.2	1.26
8.0	5.1	1.53

Electrical Characteristics	
Impedance	50Ω
Conductor Resistance	545 Ω/km 20°C Max
Insulation Resistance	1000 M Ω/km Min.
Dielectric Strength	AC 500 V/Min.
Capacitance	96 ± 3 pF/M
Spark Test	1 KV
Nominal Velocity of propagation	69 %
VSWR Test (0 ~6 GHz)	Max 1.30
VSWR Test (6 ~8 GHz)	Max 1.45
Flame Test	VW-1 OK

Mechanical & Environmental Specification	
Insulation Tensile Strength	1.76 kg/mm.sq
Insulation Elongation	200 % Min
Jack Tensile Strength	1.76 kg/mm.Sq
Jack Elongation	200 % Min
Min. Bending Radius	4.5 mm
Rating Temp. Voltage	105°C 30 V
Operating Temperature	-55 ~ 80°C
RoHS	Compliant