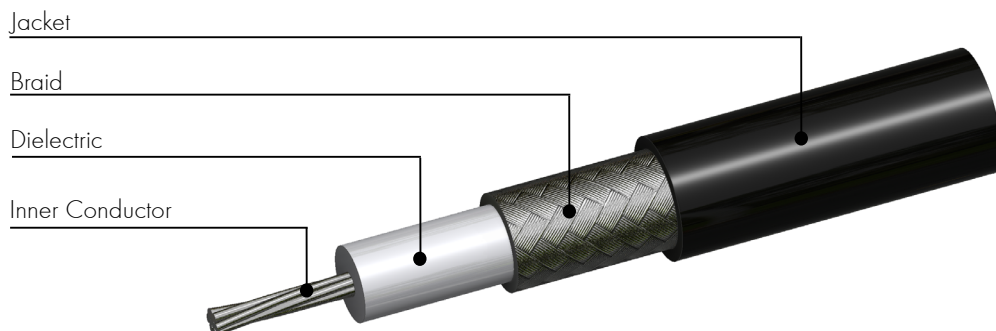


0.81 mm Diameter Micro-coaxial Cable

**RF 0.81**



**Material And Diameter**

Connector parts	Material	Diameter
Inner Conductor	Silver Plated Copper Wire	0.81 mm [.032 inch]
Dielectric	FEP	
Braid	Tinned Plated Copper Wire	
Jacket	FEP (Fluorinated ethylene propylene)	

**Electrical Data**

Impedance	$50 \pm 5 \Omega$
Frequency	DC to 6 GHz
VSWR (0-6 GHz)	$\leq 1.4$
Capacitance	98 pF/m
Velocity of signal propagation	70 %
Insulation resistance	$\geq 1 \times 10^5 \text{ M}\Omega/\text{m}$
Dielectric Strength	AC 500 V/min
Rating Voltage	30 V

**Mechanical Data**

Min. bending radius	3.2 mm (Static)
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**Environmental Data**

Temperature range	-65°C to +200°C
RoHS	compliant

**Typical Attenuation**

Frequency (GHz)	Typical Attenuation (dB/m) @ 20°C sea level	Typical Attenuation (dB/ft) @ 20°C sea level
1	3.1	0.95
2	4.7	1.43
3	5.8	1.77
4	6.9	2.10
5	7.8	2.38
6	8.5	2.59