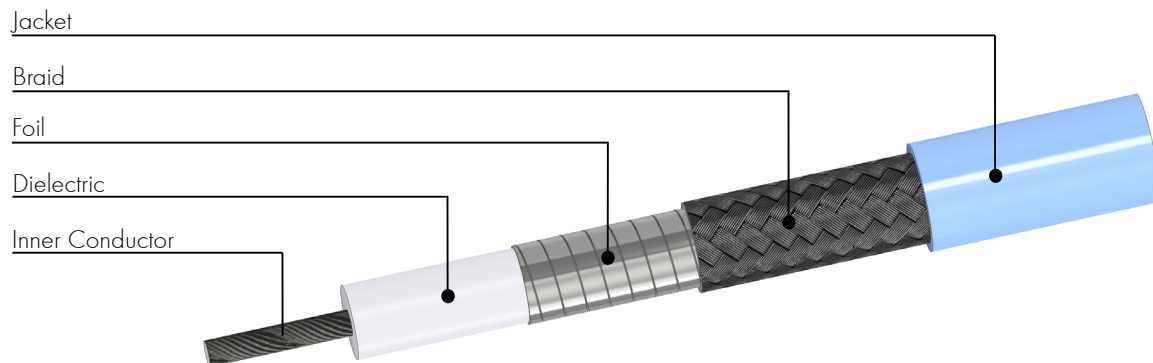




Multi Purpose Ultra Low Loss RF/Microwave Test Cable

MPUL774B



Material And Diameter

Connector parts	Material	Diameter
Inner Conductor	Silver Plate Cooper	N/A
Dielectric	EPTFE	N/A
Foil	Silver Plate Cooper	N/A
Braid	Silver Plate Cooper	N/A
Jacket	FEP	7.74 mm (.305 inch)

Electrical Data

Impedance	50 Ω
Frequency	DC to 18 GHz
Capacitance	7.3 pF/m
Velocity of signal propagation	83 %
Signal delay	0.37 ns/m
Shielding effectiveness up to 18GHz	> 90 dB

Mechanical Data

Weight	130 g/m
Min. bending radius	25.4 mm

Environmental Data

Temperature range	-65°C to +165°C
RoHS (2002/95/EC)	compliant

Typical Attenuation

Frequency (GHz)	Typical Attenuation (dB/m) @ 20°C sea level	Typical Attenuation (dB/ft) @ 20°C sea level	Max. CW power (Watt) @ 20°C sea level
0.04	0.036	0.011	2000
1	0.187	0.057	1500
2	0.266	0.081	1100
4	0.384	0.117	700
6	0.472	0.144	600
8	0.551	0.168	500
10	0.620	0.189	450
12	0.682	0.208	400
18	0.853	0.260	340