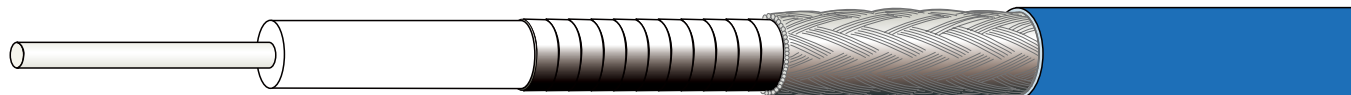




Multi Purpose Ultra Low Loss
RF/Microwave Test Cable

MPUL774A



Material And Diameter

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

Electrical Data

Impedance	50±2 Ω
Frequency	DC to 18GHz
Capacitance	7.5 pF/m
Velocity of signal propagation	83 %
Time Delay	0.37 ns/m
Shielding effectiveness up to 18GHz	> 100 dB

Mechanical Data

Weight	123 g/m
Min. bending radius	25.4 mm

Environmental Data

Temperature range	-55°C to +165°C
RoHS 3 (EU 2015/863)	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
0.5	0.10	0.03	2550
1	0.14	0.04	1900
2	0.21	0.06	1350
4	0.30	0.09	900
6	0.37	0.11	750
8	0.43	0.13	650
10	0.48	0.15	600
12	0.53	0.16	580
14	0.57	0.17	550
16	0.62	0.19	525
18	0.66	0.20	450