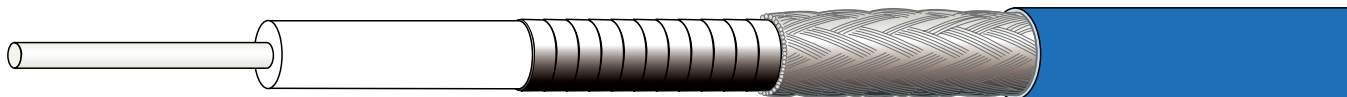




Multi Purpose Ultra Low Loss
RF/Microwave Test Cable

MPUL774A_ELSFH



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	Polyurethane	7.74 mm (.305 inch)

Electrical Data

Impedance	50 Ω
Frequency	DC to 19.5 GHz
Capacitance	7.3 pF/m
Velocity of signal propagation	83 %
Signal delay	0.37 ns/m
Shielding effectiveness up to 18GHz	> 100 dB

Mechanical Data

Weight	N/A
Min. bending radius	N/A

Environmental Data

Temperature range	-65°C to + 90°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	0.028	0.028	2500
1	0.145	0.044	1900
2	0.206	0.063	1350
4	0.295	0.09	900
6	0.365	0.111	750
8	0.425	0.130	650
10	0.479	0.146	580
12	0.528	0.161	550
18	0.66	0.2	450