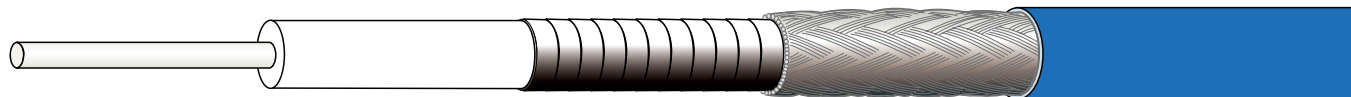




Multi Purpose Ultra Low Loss
RF/Microwave Test Cable

MPUL503A_E



Material And Diameter

Connector parts	Material	Diameter
Inner Conductor	Silver Plate Cooper	
Dielectric	EPTFE	
Foil	Silver Plate Cooper	
Braid	Silver Plate Cooper	
Jacket	Polyurethane	4.8 mm (.188 inch)

Electrical Data

Impedance	50 Ω
Frequency	DC to 32 GHz
Capacitance	7.46 pF/m
Velocity of signal propagation	83 %
Signal delay	0.37 ns/m
Shielding effectiveness up to 32 GHz	> 90 dB

Mechanical Data

Weight	55 g/m
Min. bending radius	19 mm

Environmental Data

Temperature range	-55°C to +80°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
1	0.08	0.08	714
4	0.26	0.16	357
8	0.77	0.23	259
12	0.95	0.29	196
18	1.18	0.361	174
26.5	1.45	0.441	156
32	1.62	0.494	136