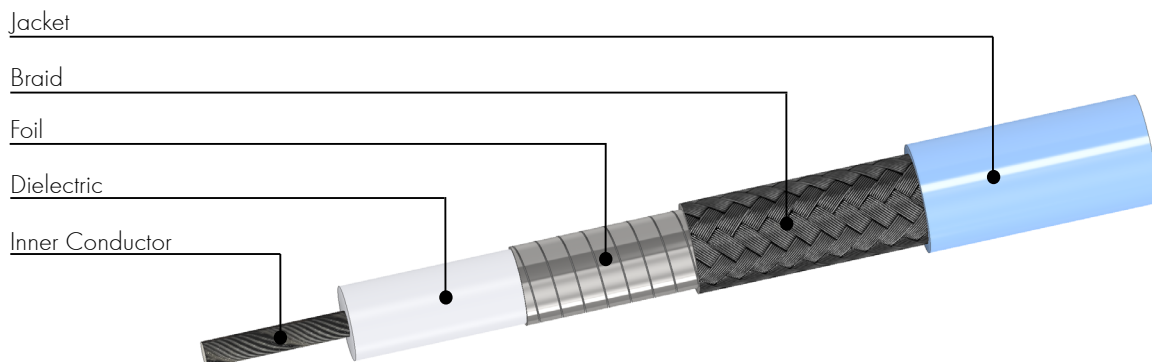




Multi Purpose Ultra Low Loss
RF/Microwave Test Cable

MPUL365B



Meets all MIL-C-17 Requirements

Material And Diameter

Connector parts	Material	Diameter
Inner Conductor	Steel, Copper + Silver plated (Stranded)	-
Dielectric	PTFE (Polytetrafluoroethylene)	-
Outer Conductor	Copper, Silver plated	-
Outer Conductor	Copper, Silver plated	-
Jacket	FEP	3.65 mm

Electrical Data

Impedance	50 $\Omega \pm 2$
Frequency	DC to 40 GHz
Capacitance	84.6 pF/m
Velocity of signal propagation	80 %
Time Delay	4.2 ns/m
Shielding Effect	> 100 dB

Mechanical Data

Weight	N/A
Min. bending radius	12.7 mm (Static)

Environmental Data

Temperature range	-65°C to +200°C
RoHS (2011/65/EU)	compliant

Typical Attenuation

Frequency (GHz)	Typical Attenuation (dB/m) @ 25°C sea level	Max. CW power (Watt) @ 40°C sea level
1	0.41	446
4	0.82	232
8	1.18	161
12	1.45	134
18	1.8	107
26.5	2.2	89
40	2.78	67