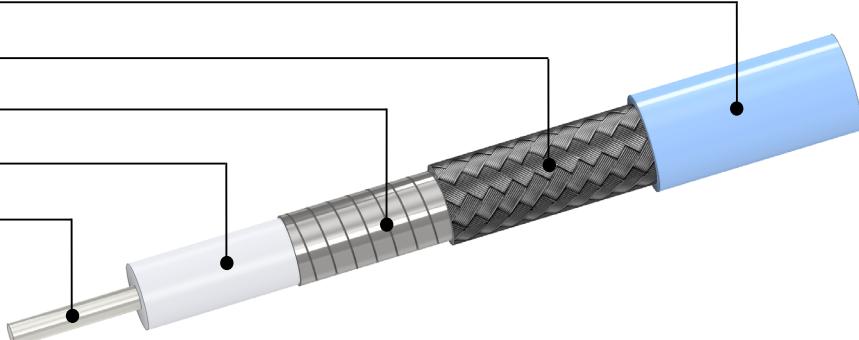


Multi Purpose Ultra Low Loss
RF/Microwave Test Cable

MPUL376A_E

JacketBraidFoilDielectricInner Conductor

Meets all MIL-C-17 Requirements

Material And Diameter

Connector parts	Material	Diameter
Inner Conductor	Steel, Copper + Silver plated (Solid)	0.914 mm
Dielectric	PTFE (Polytetrafluoroethylene)	2.59 mm
Outer Conductor	Copper, Silver plated	2.7 mm
Outer Conductor	Copper, Silver plated	3.15 mm
Jacket	PUR	3.76 mm

Electrical Data

Impedance	50 Ω ± 2
Frequency	DC to 40 GHz
Capacitance	83.3 pF/m
Velocity of signal propagation	90 %
Time Delay	4.16 ns/m
Shielding Effect	> 80 dB

Mechanical Data

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

Environmental Data

Temperature range	-65°C to +150°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	0.36	600
4	0.73	260
8	1.04	180
12	1.29	150
18	1.6	120
26.5	1.94	100
40	2.46	75

The facts and figures herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only. In the effort to improve our products, we reserve the right to make changes judged to be necessary.

Rev.:-

Date:
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N-CAGE Code: SFKK0 / ISO9001 Certified

Page

1/1