

047" Series Low Loss Phase Stable Flexible Coax Cable With PFA(Grey) P/N: U12-047
Jacket | DC-67GHz

Construction and Parameter

	Material	Diameter
Centre conductor	Silver Plated Copper (SPC)	0.3mm
Dielectric	LD-PTFE	0.8mm
Outer Conductor 1	first:Silver plated copper tap and Second:Silver plated copper wire	1.23mm
Outer Conductor 2		
Jacket	PFA	1.50mm



Mechanical Data

Colour	Grey
Min. Bending Radius	8mm

Environmental Specifications

RoHS Compliant	Yes
Operating Temperature Range	-55°C to +165°C
MIL/STD	N/A
Storage Temperature Range	-55°C to +125°C

Electrical Specifications

Frequency	DC - 40GHz
RF Leakage	90dB
Capacitance (pF/m)	94
Velocity of propagation	82%
Impedance (ohm)	50

Attenuation and Power Data

Attenuation (dB/100m @ 20°C) and power ratings (Watts @ 40°C)		
Frequency (MHz)	Attenuation (dB/100m)	Power (W)
400	63	115
1000	113.7	97
2000	161.6	68
3000	198.5	56
4000	233.5	50
5000	265.7	45
6000	282.9	39
10000	368.0	30
18000	499.3	22
26500	611.5	18
40000	760.4	15