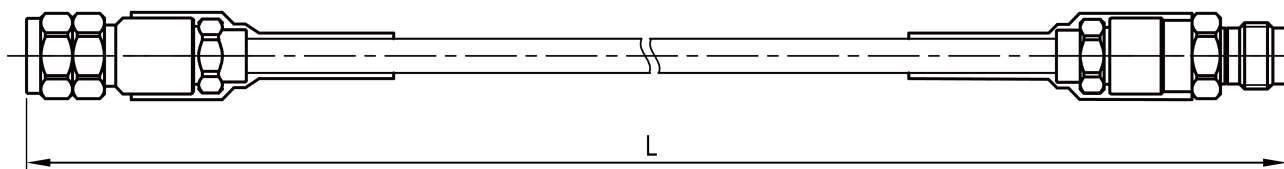


High-Performance Test Coaxial Cable Assembly, RCT360-UMUF-L 2.4mm Male to 2.4mm Female, DC-50GHz, ø3.6mm

Dimensions(mm) Tolerance $\pm 1\%$



Electrical & Environmental

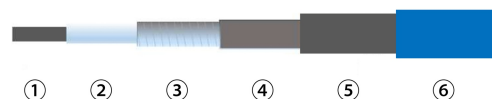
Frequency Range	DC-50GHz, 50 Ohms
Avg Power@25°C	66W @50GHz, 203W @6GHz
Insertion Loss@1M	3.84 dB Max @50GHz
VSWR	1.3 Max
Velocity of Propagation	76%
Shielding Effectiveness	90dB Min
Attenuation stability	± 0.05 dB Max
Withstand Voltage	500V@DC
Mechanical Phase	$\pm 7^\circ$
OT	-55~+165°C

Product Information

Product Number	RCT360-UMUF-L
Product Type	High-Performance Test Coaxial Cable Assembly
Cable	RCT360
Connector	2.4mm Male to 2.4mm Female
Connector Body	Passivated stainless steel
Center Contact	Gold plated beryllium copper
Bend Radius	18.00mm
Bend Radius (Repeated)	36.00mm

Customized services: including connectors, length, phase matching/tracking, time delay, and better electrical performance.

RCT360 Structure Characteristics



Structure	Material	ΦD(mm)
1.Center Conductor	Single-core Silver-plated Copper	0.72
2.Dielectric	LD-PTFE	2.10
3.Inner shield	Silver-plated Copper Tape Wrapping	2.25
4.Interlayer	LD-PTFE	2.55
5.Outer Shield	Silver-plated Copper Wire Braiding	3.01
6.Jacket	Blue FEP	3.60

Product Selection and Loss Index @25°C

RFTOP P/N	3GHz	26GHz	50GHz
RCT360-UMUF-300	0.5 dB	1.02 dB	1.33 dB
RCT360-UMUF-600	0.75 dB	1.79 dB	2.4 dB
RCT360-UMUF-1M	1.09 dB	2.82 dB	3.84 dB
RCT360-UMUF-1.5M	1.51 dB	4.11 dB	5.64 dB
RCT360-UMUF-2M	1.93 dB	5.39 dB	7.43 dB