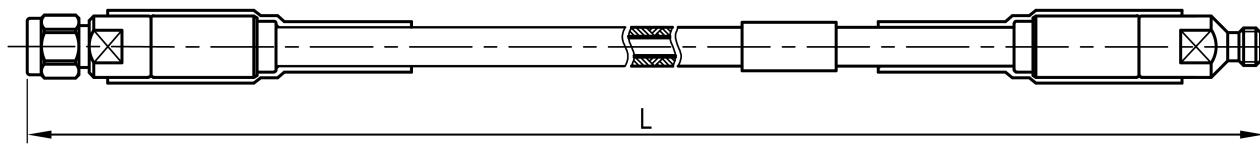


High-Performance Test Coaxial Cable Assembly, RCT150-WMWF-L 1.0mm Male to 1.0mm Female, DC-110GHz, $\phi 1.85\text{mm}$

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



Electrical & Environmental

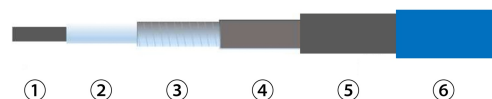
Frequency Range	DC-110GHz, 50 Ohms
Avg Power@25°C	3W @110GHz, 16W @6GHz
Insertion Loss@1M	dB Max @110GHz
VSWR	Max
Velocity of Propagation	80%
Shielding Effectiveness	90dB Min
Attenuation stability	$\pm 0.15\text{dB}$ Max
Withstand Voltage	400V@DC
Mechanical Phase	$\pm 9^\circ$
OT	-55~+125°C

Product Information

Product Number	RCT150-WMWF-L
Product Type	High-Performance Test Coaxial Cable Assembly
Cable	RCT150
Connector	1.0mm Male to 1.0mm Female
Connector Body	Passivated stainless steel
Center Contact	Gold plated beryllium copper
Bend Radius	10.00mm
Bend Radius (Repeated)	20.00mm

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

RCT150 Structure Characteristics



Structure	Material	$\Phi D(\text{mm})$
1.Center Conductor	Single-core Silver-plated Copper	0.31
2.Dielectric	LD-PTFE	0.88
3.Inner shield	Silver-plated Copper Tape Wrapping	1.00
4.Interlayer	LD-PTFE	1.20
5.Outer Shield	Silver-plated Copper Wire Braiding	1.45
6.Jacket	Blue FEP	1.85

Product Selection and Loss Index @25°C

RFTOP P/N	3GHz	56GHz	110GHz
RCT150-WMWF-300	dB	dB	dB
RCT150-WMWF-600	dB	dB	dB
RCT150-WMWF-1M	dB	dB	dB