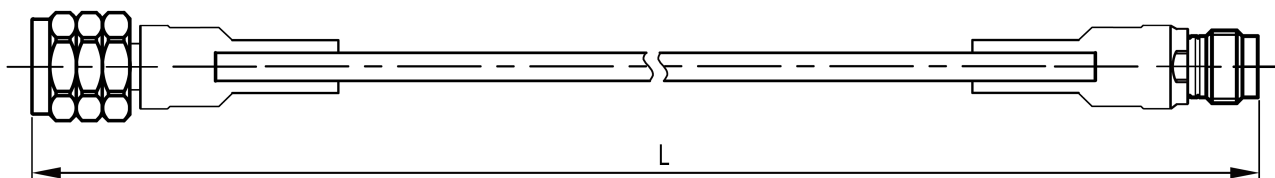


High-Performance Test Coaxial Cable Assembly, RCT220-VMVF-L 1.85mm Male to 1.85mm Female, DC-67GHz, $\phi 2.4\text{mm}$

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



Electrical & Environmental

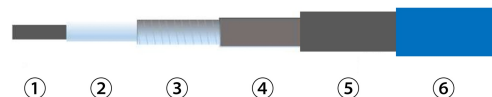
Frequency Range	DC-67GHz, 50 Ohms
Avg Power@25°C	9W @67GHz, 38W @6GHz
Insertion Loss@1M	dB Max @67GHz
VSWR	Max
Velocity of Propagation	81%
Shielding Effectiveness	90dB Min
Attenuation stability	$\pm 0.08\text{dB}$ Max
Withstand Voltage	500V@DC
Mechanical Phase	$\pm 6.7^\circ$
OT	-55~+165°C

Product Information

Product Number	RCT220-VMVF-L
Product Type	High-Performance Test Coaxial Cable Assembly
Cable	RCT220
Connector	1.85mm Male to 1.85mm Female
Connector Body	Passivated stainless steel
Center Contact	Gold plated beryllium copper
Bend Radius	12.00mm
Bend Radius (Repeated)	24.00mm

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

RCT220 Structure Characteristics



Structure	Material	$\Phi D(\text{mm})$
1.Center Conductor	Single-core Silver-plated Copper	0.50
2.Dielectric	LD-PTFE	1.38
3.Inner shield	Silver-plated Copper Tape Wrapping	1.54
4.Interlayer	LD-PTFE	1.82
5.Outer Shield	Silver-plated Copper Wire Braiding	2.17
6.Jacket	Blue FEP	2.40

Product Selection and Loss Index @25°C

RFTOP P/N	3GHz	35GHz	67GHz
RCT220-VMVF-300	dB	dB	dB
RCT220-VMVF-600	dB	dB	dB
RCT220-VMVF-1M	dB	dB	dB