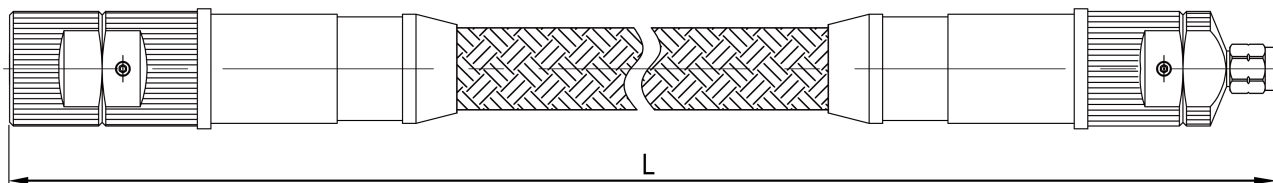


VNA Testing-Specific Coaxial Cable Assembly, RCV1520-DUFUM-L

NMD2.4 Female to 2.4mm Male, DC-50GHz, $\phi 15.2\text{mm}$

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



Electrical & Environmental

Frequency Range	DC-50GHz, 50 Ohms
Avg Power@25°C	66W @50GHz, 203W @6GHz
Insertion Loss@1M	4.29 dB Max @50GHz
VSWR	1.3 Max
Velocity of Propagation	76%
Shielding Effectiveness	90dB Min
Attenuation stability	$\pm 0.05\text{dB}$ Max
Withstand Voltage	500V@DC
Mechanical Phase	$\pm 7^\circ$
OT	-55~+105°C

Product Information

Product Number	RCV1520-DUFUM-L
Product Type	VNA Testing-Specific Coaxial Cable Assembly
Cable	RCT360/RCV1520
Connector	NMD2.4 Female to 2.4mm Male
Connector Body	Passivated stainless steel
Center Contact	Gold plated beryllium copper
Bend Radius	18.00mm
Bend Radius (Repeated)	150.00mm

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

RCT360/RCV1520 Structure Characteristics



Structure	Material	$\Phi\text{D}(\text{mm})$
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
7.Armor Jacket	Black Polyester-PET	15.20

Product Selection and Loss Index @25°C

RFTOP P/N	3GHz	26GHz	50GHz
RCV1520-DUFUM-610	1.21 dB	2.27 dB	2.89 dB
RCV1520-DUFUM-910	1.46 dB	3.04 dB	3.97 dB