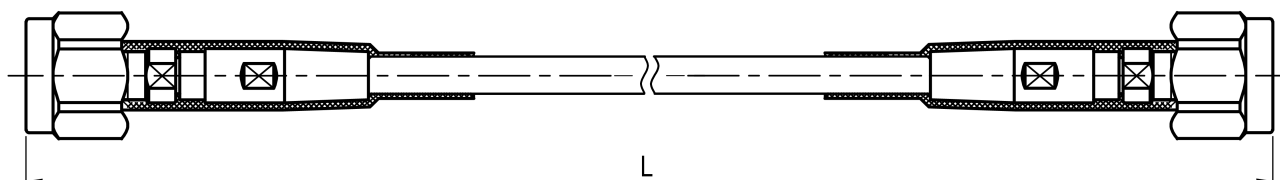


High-Performance Test Coaxial Cable Assembly, RCT500S-NMNM-L

N Male to N Male, DC-18GHz, ø5.2mm

Dimensions(mm) Tolerance±1%



Electrical & Environmental

Frequency Range	DC-18GHz, 50 Ohms
Avg Power@25°C	29W @18GHz, 56W @6GHz
Insertion Loss@1M	2.17 dB Max @18GHz
VSWR	1.25 Max
Velocity of Propagation	76%
Shielding Effectiveness	90dB Min
Attenuation stability	±0.03dB Max
Mechanical Phase	±2.7°
OT	-40~+125°C

Product Information

Product Number	RCT500S-NMNM-L
Product Type	High-Performance Test Coaxial Cable Assembly
Cable	RCT500S
Connector	N Male to N Male
Connector Body	Passivated stainless steel
Center Contact	Gold plated beryllium copper
Bend Radius	25.00mm
Bend Radius (Repeated)	52.00mm

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

RCT500S Structure Characteristics



Structure	Material	ΦD(mm)
1.Center Conductor	Stranded Silver-plated Copper	1.02
2.Dielectric	LD-PTFE	3.07
3.Inner shield	Silver-plated Copper Tape Braiding	3.27
4.Interlayer	LD-PTFE	3.47
5.Outer Shield	Silver-plated Copper Wire Braiding	3.80
6.Jacket	Blue PUR	5.20

Product Selection and Loss Index @25°C

RFTOP P/N	3GHz	10GHz	18GHz
RCT500S-NMNM-1M	1.08 dB	1.72 dB	2.17 dB
RCT500S-NMNM-1.5M	1.43 dB	2.39 dB	3.06 dB
RCT500S-NMNM-2M	1.77 dB	3.05 dB	3.94 dB