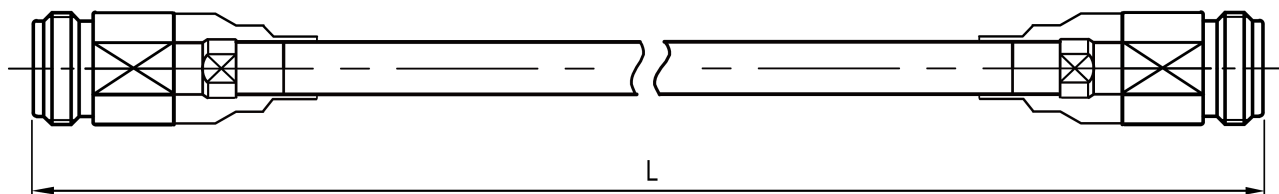


High-Performance Test Coaxial Cable Assembly, RCT800-NFNF-L N Female to N Female, DC-18GHz, ø7.8mm

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



Electrical & Environmental

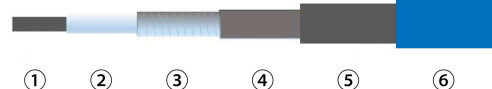
Frequency Range	DC-18GHz, 50 Ohms
Avg Power@25°C	W @18GHz, W @6GHz
Insertion Loss@1M	0.95 dB Max @18GHz
VSWR	1.2 Max
Velocity of Propagation	82%
Shielding Effectiveness	90dB Min
Withstand Voltage	2000V@DC
OT	-55~+165°C

Product Information

Product Number	RCT800-NFNF-L
Product Type	High-Performance Test Coaxial Cable Assembly
Cable	RCT800
Connector	N Female to N Female
Connector Body	Passivated stainless steel
Center Contact	Gold plated beryllium copper
Bend Radius	40.00mm
Bend Radius (Repeated)	80.00mm

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

RCT800 Structure Characteristics



Structure	Material	ΦD(mm)
1.Center Conductor	Single-core Silver-plated Copper	2.39
2.Dielectric	LD-PTFE	6.16
3.Inner shield	Silver-plated Copper Tape Wrapping	6.40
4.Interlayer	LD-PTFE	6.70
5.Outer Shield	Silver-plated Copper Wire Braiding	7.25
6.Jacket	Blue FEP	7.80

Product Selection and Loss Index @25°C

RFTOP P/N	3GHz	10GHz	18GHz
RCT800-NFNF-1M	0.49 dB	0.76 dB	0.95 dB
RCT800-NFNF-1.5M	0.64 dB	1.05 dB	1.33 dB
RCT800-NFNF-2M	0.79 dB	1.33 dB	1.71 dB