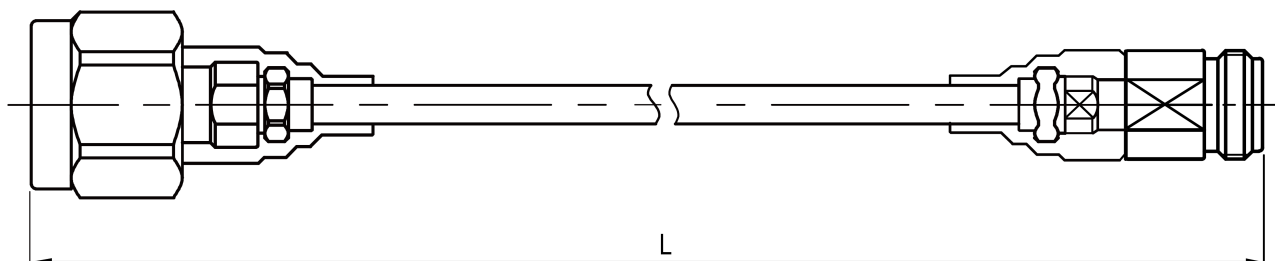


Ultra-Low Loss Phase Stable Cable Assembly, RCA400-NMNF-L N Male to N Female, DC-18GHz, $\phi 4\text{mm}$

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



Electrical & Environmental

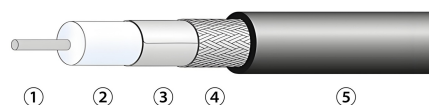
Frequency Range	DC-18GHz, 50 Ohms
Avg Power@25°C	102.2W @18GHz
I L@1M	1.83 dB Max @18GHz
VSWR	1.25 Max
Dk	1.49
Capacitance	80 pF/m
Inductance	0.19 uH/m
VOP	83%
SE	90dB Min
Voltage	1000V@DC
Temp. Phase	750 PPM Max
OT	-40~+125°C

Product Information

Product Number	RCA400-NMNF-L
Product Type	Ultra-Low Loss Phase Stable Cable Assembly
Cable	RCA400
Connector	N Male to N Female
Connector Body	Passivated stainless steel
Center Contact	Gold plated brass & Gold plated beryllium copper
Bend Radius	20.00mm
Bend Radius (Rep.)	40.00mm

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

RCA400 Structure Characteristics



Structure	Material	$\Phi\text{D}(\text{mm})$
1.Center Conductor	Single-core Silver-plated Copper	1.05
2.Dielectric	LD-PTFE	2.90
3.Inner shield	Silver-plated Copper Tape Wrapping	3.10
4.Outer Shield	Silver-plated Copper Wire Braiding	3.50
5.Jacket	Gray FEP	4.00

Product Selection and Loss Index @25°C

RFTOP P/N	3GHz	10GHz	18GHz
RCA400-NMNF-300	0.57 dB	0.73 dB	0.83 dB
RCA400-NMNF-600	0.75 dB	1.05 dB	1.26 dB
RCA400-NMNF-1M	0.98 dB	1.49 dB	1.83 dB
RCA400-NMNF-1.5M	1.27 dB	2.03 dB	2.55 dB
RCA400-NMNF-2M	1.55 dB	2.58 dB	3.26 dB