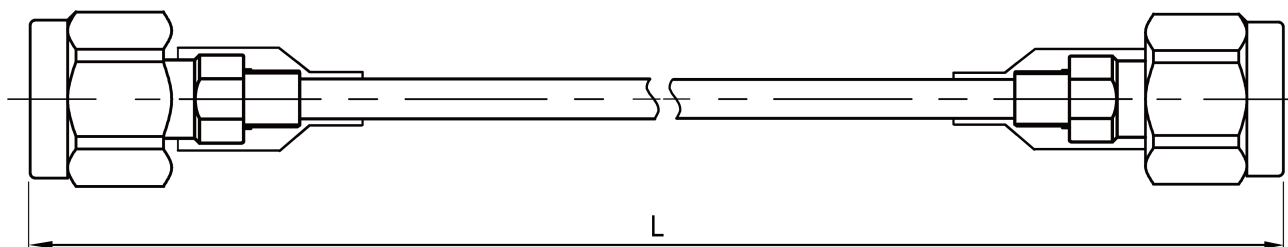


Ultra-Low Loss Phase Stable Cable Assembly, RCA800-TMNM-L TNC Male to N Male, DC-18GHz, ø7.8mm

Dimensions(mm) Tolerance±1%



Electrical & Environmental

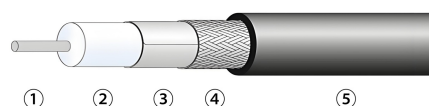
Frequency Range	DC-18GHz, 50 Ohms
Avg Power@25°C	279.3W @18GHz
I L@1M	1.07 dB Max @18GHz
VSWR	1.25 Max
Dk	1.45
Capacitance	80 pF/m
Inductance	0.17 uH/m
VOP	83%
SE	90dB Min
Voltage	2500V@DC
Temp. Phase	750 PPM Max
OT	-40~+125°C

Product Information

Product Number	RCA800-TMNM-L
Product Type	Ultra-Low Loss Phase Stable Cable Assembly
Cable	RCA800
Connector	TNC Male to N Male
Connector Body	Passivated stainless steel
Center Contact	Gold plated brass
Bend Radius	39.00mm
Bend Radius (Rep.)	78.00mm

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

RCA800 Structure Characteristics



Structure	Material	ΦD(mm)
1.Center Conductor	Single-core Silver-plated Copper	2.30
2.Dielectric	LD-PTFE	6.30
3.Inner shield	Silver-plated Copper Tape Wrapping	6.60
4.Outer Shield	Silver-plated Copper Wire Braiding	7.15
5.Jacket	Gray FEP	7.80

Product Selection and Loss Index @25°C

RFTOP P/N	3GHz	10GHz	18GHz
RCA800-TMNM-1M	0.66 dB	0.90 dB	1.07 dB
RCA800-TMNM-1.5M	0.79 dB	1.15 dB	1.40 dB
RCA800-TMNM-2M	0.92 dB	1.40 dB	1.74 dB