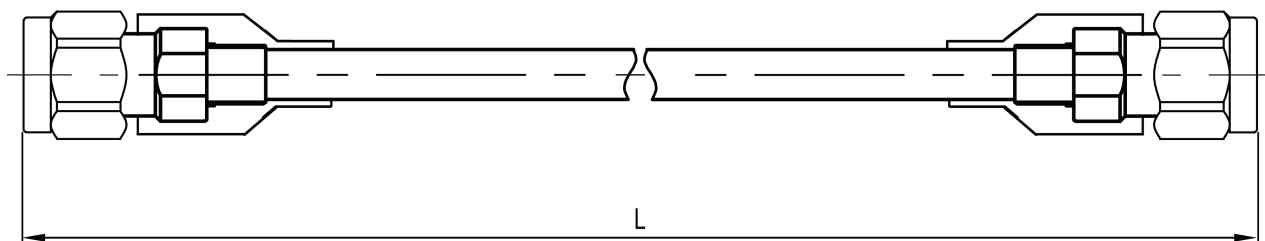




Ultra-Low Loss Phase Stable Cable Assembly, RCA800-TMTM-L TNC Male to TNC Male, DC-18GHz, $\varnothing 7.8\text{mm}$

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



Electrical & Environmental

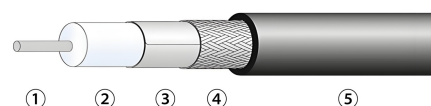
Frequency Range	DC-18GHz, 50 Ohms
Avg Power@25°C	279.3W @18GHz
I L@1M	1.07 dB Max @18GHz
VSWR	1.25 Max
Dk	1.45
Capacitance	80 pF/m
Inductance	0.17 uH/m
VOP	83%
SE	90dB Min
Voltage	2500V@DC
Temp. Phase	750 PPM Max
OT	-40~+125°C

Product Information

Product Number	RCA800-TMTM-L
Product Type	Ultra-Low Loss Phase Stable Cable Assembly
Cable	RCA800
Connector	TNC Male to TNC 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	$\Phi D(\text{mm})$
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-TMTM-1M	0.66 dB	0.90 dB	1.07 dB
RCA800-TMTM-1.5M	0.79 dB	1.15 dB	1.40 dB
RCA800-TMTM-2M	0.92 dB	1.40 dB	1.74 dB