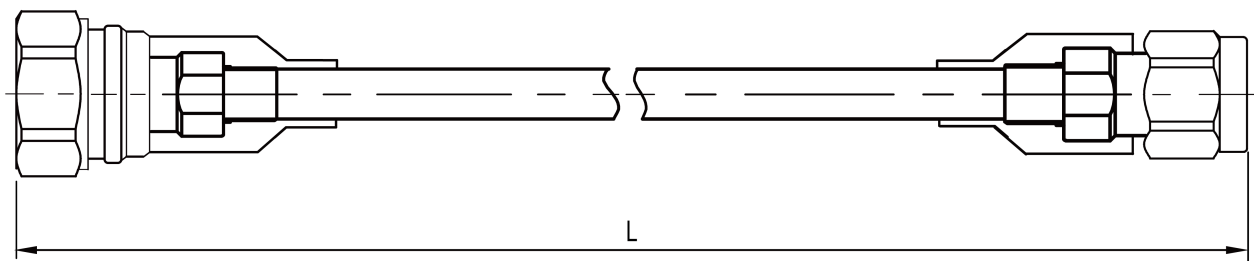




Ultra-Low Loss Phase Stable Cable Assembly, RCA800-DMTM-L L29 Male to TNC Male, DC-7.5GHz, $\varnothing 7.8\text{mm}$

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



Electrical & Environmental

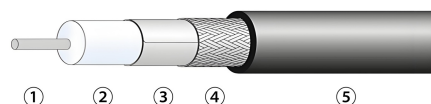
Frequency Range	DC-7.5GHz, 50 Ohms
Avg Power@25°C	446.6W @7.5GHz
I L@1M	0.72 dB Max @7.5GHz
VSWR	1.2 Max
Dk	1.45
Capacitance	80 pF/m
Inductance	0.17 uH/m
VOP	83%
SE	90dB Min
Voltage	2500V@DC
Temp. Phase	750 PPM Max
OT	-40~+125°C

Product Information

Product Number	RCA800-DMTM-L
Product Type	Ultra-Low Loss Phase Stable Cable Assembly
Cable	RCA800
Connector	L29 Male to TNC Male
Connector Body	Ternary alloy plated brass, Passivated stainless steel
Center Contact	BeCu/Brass, Silver plating, 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	5GHz	7.5GHz
RCA800-DMTM-1M	0.56 dB	0.65 dB	0.72 dB
RCA800-DMTM-1.5M	0.69 dB	0.82 dB	0.93 dB
RCA800-DMTM-2M	0.82 dB	0.99 dB	1.14 dB



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