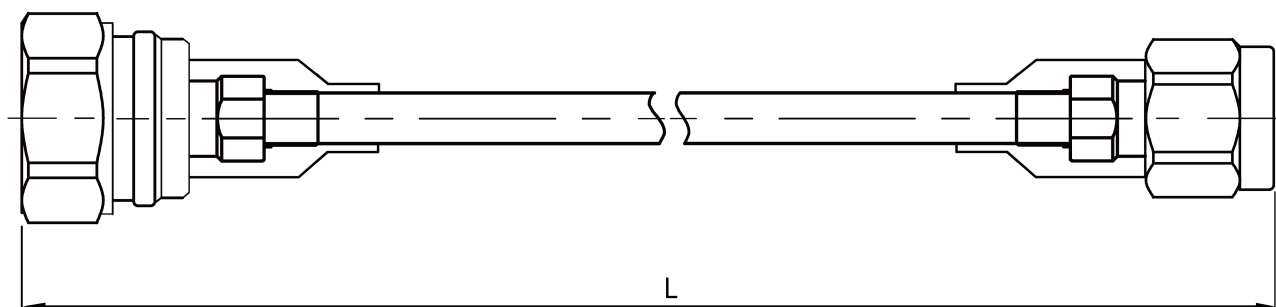




Ultra-Low Loss Phase Stable Cable Assembly, RCA800-DMNM-L L29 Male to N Male, DC-7.5GHz, ø7.8mm

Dimensions(mm) Tolerance±1%



Electrical & Environmental

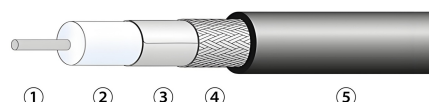
Frequency Range	DC-7.5GHz, 50 Ohms
Avg Power@25°C	637W @7.5GHz, 716W @6GHz
Insertion Loss@1M	0.82 dB Max @7.5GHz
VSWR	1.2 Max
Dielectric Constant	1.45
Capacitance	80 pF/m
Inductance	0.17 uH/m
Velocity of Propagation	83%
Shielding Effectiveness	90dB Min
Withstand Voltage	2500V@DC
Temperature Phase	750 PPM Max
OT	-55~+165°C

Product Information

Product Number	RCA800-DMNM-L
Product Type	Ultra-Low Loss Phase Stable Cable Assembly
Cable	RCA800
Connector	L29 Male to N Male
Connector Body	Ternary alloy plated brass
Center Contact	Gold plated brass
Bend Radius	39.00mm
Bend Radius (Repeated)	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

RCA800 Replacement Model

Micro-Coax	UFB311A
IW	2801
ZDecl	ZLB780

Product Selection and Loss Index @25°C

RFTOP P/N	3GHz	5GHz	7.5GHz
RCA800-DMNM-1.5M	0.79 dB	0.92 dB	1.03 dB



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