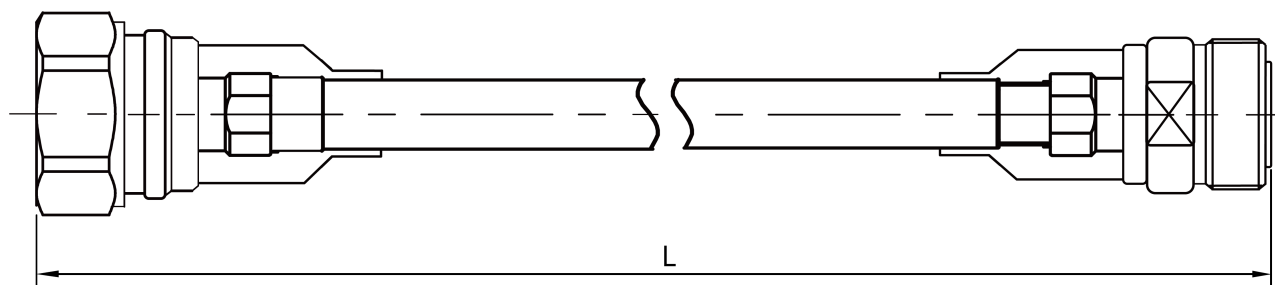


Ultra-Low Loss Phase Stable Cable Assembly, RCA1200-DMDF-L L29 Male to L29 Female, DC-7.5GHz, Ø12mm

Dimensions(mm) Tolerance±1%



Electrical & Environmental

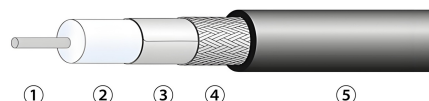
Frequency Range	DC-7.5GHz, 50 Ohms
Avg Power@25°C	1021W @7.5GHz, 1158W @6GHz
Insertion Loss@1M	dB Max @7.5GHz
VSWR	1.2 Max
Capacitance	80 pF/m
Velocity of Propagation	84%
Shielding Effectiveness	90dB Min
Withstand Voltage	5000V@DC
Temperature Phase	750 PPM Max
OT	-55~+165°C

Product Information

Product Number	RCA1200-DMDF-L
Product Type	Ultra-Low Loss Phase Stable Cable Assembly
Cable	RCA1200
Connector	L29 Male to L29 Female
Connector Body	Ternary alloy plated brass
Center Contact	Gold plated brass
Bend Radius	60.00mm
Bend Radius (Repeated)	120.00mm

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

RCA1200 Structure Characteristics



Structure	Material	ΦD(mm)
1.Center Conductor	Single-core Silver-plated Copper	3.90
2.Dielectric	LD-PTFE	10.30
3.Inner shield	Silver-plated Copper Tape Wrapping	10.60
4.Outer Shield	Silver-plated Copper Wire Braiding	11.15
5.Jacket	Gray FEP	12.00

Product Selection and Loss Index @25°C

RFTOP P/N	3GHz	5GHz	7.5GHz
RCA1200-DMDF-1M	dB	dB	dB
RCA1200-DMDF-1.5M	dB	dB	dB
RCA1200-DMDF-2M	dB	dB	dB