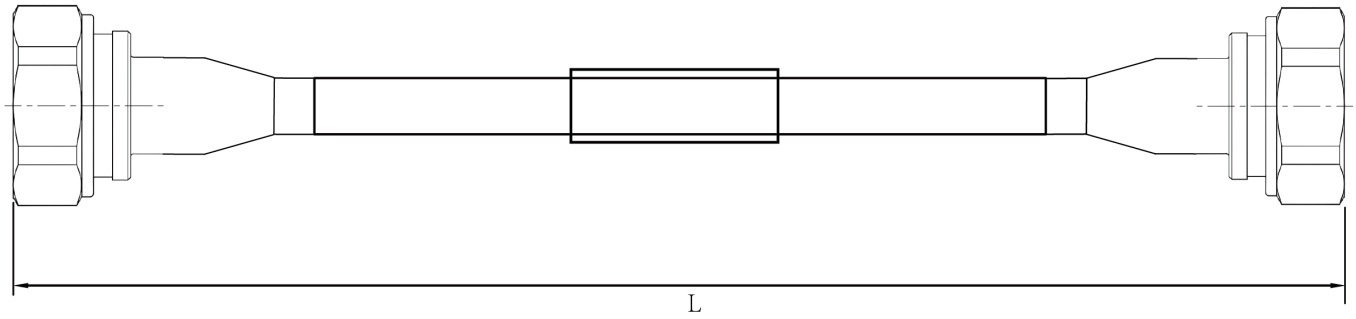
High-Power Low-Loss Phase-Stabilized Coaxial Cable, RCB1200-DMDM-L

L29 Male to L29 Male, DC-6GHz, ø12mm

Dimensions(mm) Tolerance±1%



Electrical & Environmental

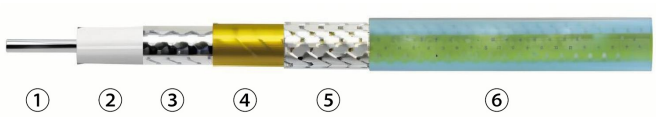
Frequency Range	DC-6GHz, 50 Ohms
Avg Power@25℃	W @6GHz, W @6GHz
Insertion Loss@1M	0.74 dB Max @6GHz
VSWR	1.25 Max
Capacitance	88 pF/m
Velocity of Propagation	76%
Shielding Effectiveness	100dB Min
Withstand Voltage	4000V@DC
Temperature Phase	1500 PPM Max
OT	-55~+200°C

Product Information

Product Number	RCB1200-DMDM-L
Product Type	High-Power Low-Loss Phase-Stabilized Coaxial Cable
Cable	RCB1200
Connector	L29 Male to L29 Male
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.

RCB1200 Structure Characteristics



Structure	Material	ΦD(mm)
1.Center Conductor	Single-core Silver-plated Copper	3.50
2.Dielectric	LD-PTFE	10.00
3.Inner shield	Silver-plated Copper Tape Braiding	10.32
4.Interlayer	Aluminum Foil Longitudinal Wrapping	10.45
5.Outer Shield	Silver-plated Copper Wire Braiding	11.02
6.Jacket	Light Blue FEP	12.00

Product Selection and Loss Index @25°C

RFTOP P/N	3GHz	4GHz	6GHz
RCB1200-DMDM-500	0.52 dB	0.54 dB	0.57 dB
RCB1200-DMDM-1M	0.63 dB	0.69 dB	0.74 dB

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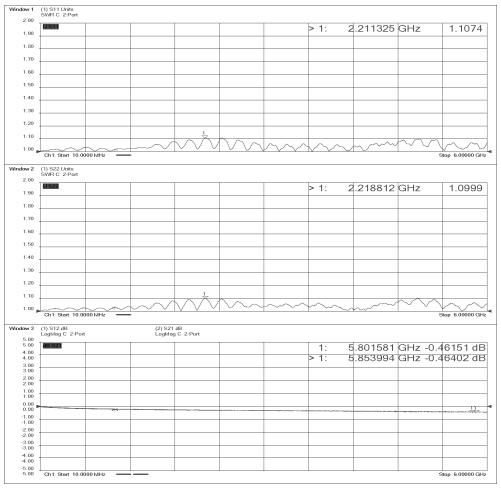
Typical Test Data

RCB1200-DMDM-500



RCB1200-DMDM-1M