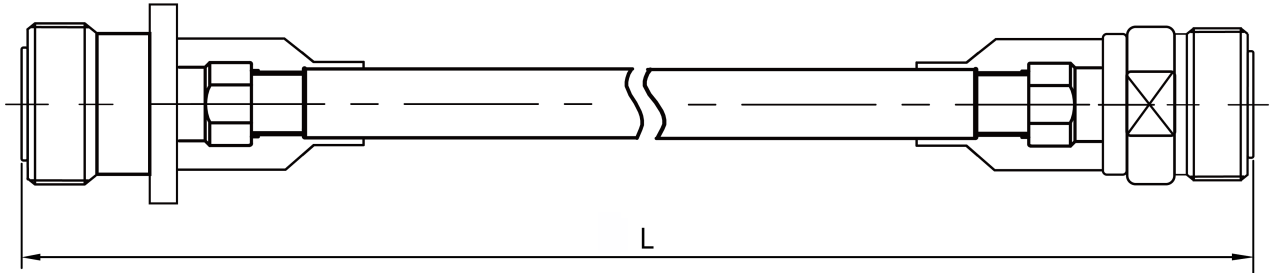


# High-Power Low-Loss Phase-Stabilized Coaxial Cable Assembly, RCB1200-DF4FDF-L

## L29 Female to L29 Female, DC-6GHz, $\phi$ 12mm

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



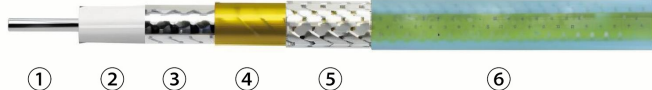
### Electrical & Environmental

Frequency Range	DC-6GHz, 50 Ohms
Avg Power@25°C	1256.5W @6GHz
IL@1M	0.59 dB Max @6GHz
VSWR	1.25 Max
Capacitance	88 pF/m
VOP	76%
SE	100dB Min
Voltage	4000V@DC
Temp. Phase	1500PPM Max
OT	-55~+125°C

### Product Information

Product Number	RCB1200-DF4FDF-L
Product Type	High-Power Low-Loss Phase-Stabilized Coaxial Cable Assembly
Cable	RCB1200
Connector	L29 Female to L29 Female
Connector Body	Passivated stainless steel, Ternary alloy plated brass
Center Contact	Tin bronze/Brass,Gold plating
Bend Radius	60.00mm
Bend Radius (Rep.)	120.00mm

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

RCB1200 Structure Characteristics			
			
Structure	Material	$\Phi$ D(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-DF4FDF-1M	0.48 dB	0.54 dB	0.59 dB
RCB1200-DF4FDF-1.5M	0.60 dB	0.68 dB	0.76 dB
RCB1200-DF4FDF-2M	0.72 dB	0.83 dB	0.93 dB