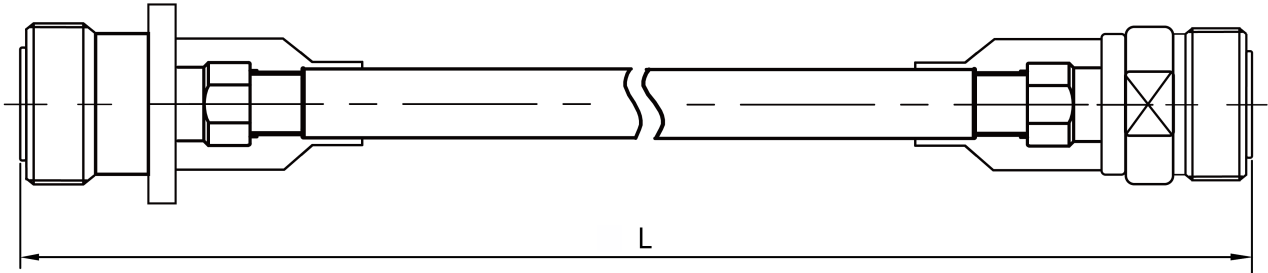


High-Power Low-Loss Phase-Stabilized Coaxial Cable Assembly, RCB1500-DF4FDF-L

L29 Female to L29 Female, DC-6GHz, ϕ 15mm

Dimensions(mm) Tolerance \pm 1%



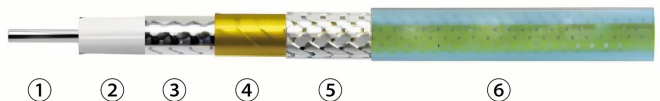
Electrical & Environmental

Frequency Range	DC-6GHz, 50 Ohms
Avg Power@25°C	1512W @6GHz
IL@1M	0.52 dB Max @6GHz
VSWR	1.25 Max
Capacitance	88 pF/m
VOP	76%
SE	100dB Min
Voltage	5000V@DC
Temp. Phase	1500PPM Max
OT	-55~+125°C

Product Information

Product Number	RCB1500-DF4FDF-L
Product Type	High-Power Low-Loss Phase-Stabilized Coaxial Cable Assembly
Cable	RCB1500
Connector	L29 Female to L29 Female
Connector Body	Ternary alloy plated brass
Center Contact	Sliver plated Tin bronze
Bend Radius	75.00mm
Bend Radius (Rep.)	150.00mm

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

RCB1500 Structure Characteristics			
			
Structure	Material	Φ D(mm)	
1.Center Conductor	Single-core Silver-plated Copper	4.40	
2.Dielectric	LD-PTFE	12.90	
3.Inner shield	Silver-plated Copper Tape Braiding	13.22	
4.Interlayer	Aluminum Foil Longitudinal Wrapping	13.35	
5.Outer Shield	Silver-plated Copper Wire Braiding	13.85	
6.Jacket	Light Blue FEP	15.00	
Product Selection and Loss Index @25°C			
RFTOP P/N	3GHz	4GHz	6GHz
RCB1500-DF4FDF-1M	0.43 dB	0.48 dB	0.52 dB
RCB1500-DF4FDF-1.5M	0.53 dB	0.60 dB	0.66 dB
RCB1500-DF4FDF-2M	0.62 dB	0.71 dB	0.79 dB