



RG Series Coaxial Cable Assembly, **RCG142-DMW4310M-L** L29 Male to 4.3-10 Male, DC-6GHz, $\varnothing 4.95\text{mm}$

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

Electrical & Environmental

Frequency Range	DC-6GHz, 50 Ohms
Avg Power@25°C	W @6GHz, W @6GHz
Insertion Loss@1M	dB Max @6GHz
VSWR	1.25 Max
Capacitance	95 pF/m
Velocity of Propagation	70%
Shielding Effectiveness	80dB Min
Withstand Voltage	1400V@DC
OT	-55~+200°C

Product Information

Product Number	RCG142-DMW4310M-L
Product Type	RG Series Coaxial Cable Assembly
Cable	RCG142
Connector	L29 Male to 4.3-10 Male
Connector Body	Ternary alloy plated brass
Center Contact	Gold plated brass
Bend Radius	25.00mm
Bend Radius (Repeated)	50.00mm

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

RCG142 Structure Characteristics



Structure	Material	$\Phi D(\text{mm})$
1.Center Conductor	Single-core Silver-plated Copper	0.93
2.Dielectric	PTFE	2.98
3.Inner shield	Silver-plated Copper Wire Braiding	3.50
4.Outer Shield	Silver-plated Copper Wire Braiding	4.00
5.Jacket	Orange FEP	4.95

Product Selection and Loss Index @25°C

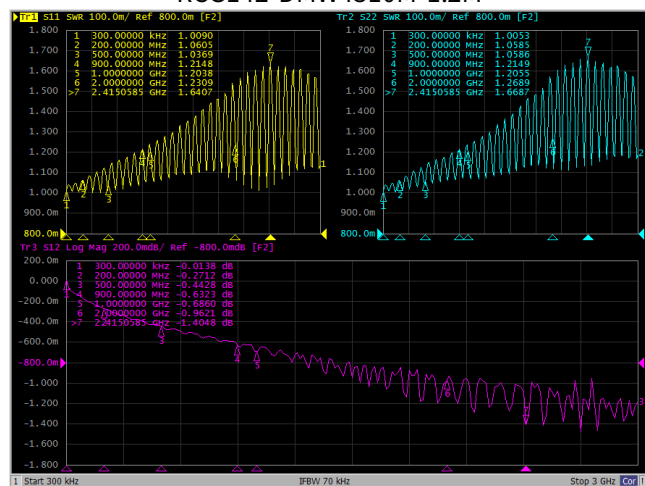
RFTOP P/N	3GHz	4GHz	6GHz
RCG142-DMW4310M-1.2M	dB	dB	dB
RCG142-DMW4310M-1.6M	dB	dB	dB



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Typical Test Data

RCG142-DMW4310M-1.2M



RCG142-DMW4310M-1.6M

