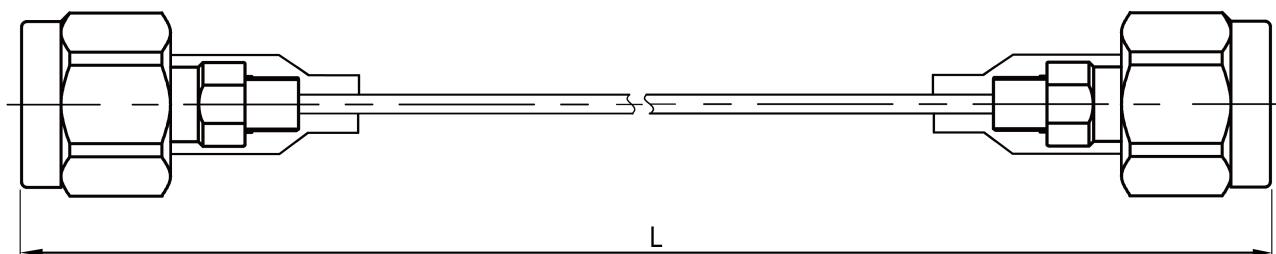




RG Series Coaxial Cable Assembly, RCG142-NMNM-L

N Male to N Male, DC-8.5GHz, $\phi 4.95\text{mm}$

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



Electrical & Environmental

Frequency Range	DC-8.5GHz, 50 Ohms
Avg Power@25°C	W @8.5GHz, W @6GHz
Insertion Loss@1M	dB Max @8.5GHz
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-NMNM-L
Product Type	RG Series Coaxial Cable Assembly
Cable	RCG142
Connector	N Male to N 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	6GHz	8.5GHz
RCG142-NMNM-15M	dB	dB	dB
RCG142-NMNM-20M	dB	dB	dB
RCG142-NMNM-24M	dB	dB	dB
RCG142-NMNM-25M	dB	dB	dB
RCG142-NMNM-32M	dB	dB	dB
RCG142-NMNM-33M	dB	dB	dB
RCG142-NMNM-40M	dB	dB	dB
RCG142-NMNM-80M	dB	dB	dB



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