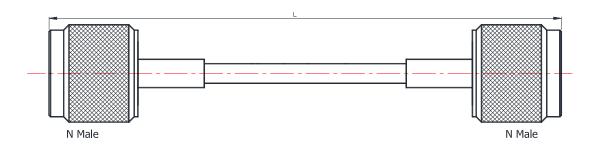
CABLE ASSEMBLY DATASHEET



RG142 SERIES, FLEXIBLE CABLE, N(MALE)- N(MALE)

GAR1-NMNM-XXX



* Label and Shrinking tube design depend on customer's request.

Configuration					
Connector 1 Type	N Male				
Connector 1 Body Style	Straight				
Body Material and Plating	Brass Nickel Plated				
Connector 1 Mount Method	None				
Connector 2 Type	N Male				
Connector 2 Body Style	Straight				
Body Material and Plating	Brass Nickel Plated				
Connector 2 Mount Method	None				
Cable Type	RG142 Series				
Electrical Specifications					
Impedance	50 Ω				
Frequency	DC to 10 GHz				
Return Loss/VSWR	1.25 to 5 GHz				
Phase Stability vs. Flexure	N/A				
Amplitude Stability	N/A				
Shielding Effectiveness	<-80dB @ 1GHz				
Phase Matching	On request				
Signal Delay	On request				
Power Handling	260watt @ 2.5GHz at sea level,VSWR1.0				
Environmental Data					
Temperature Range	-40°C to +125°C				
2002/95/EC(RoHS)	Compliant				

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CABLE ASSEMBLY DATASHEET



RG142 SERIES, FLEXIBLE CABLE, N(MALE)- N(MALE)

GAR1-NMNM-XXX

Cable Specifications				
Center Conductor	Silver plated copper			
Dielectric	Solid PTFE			
Jacket	FEP			
Capacitance(pF/m)	94			
Velocity of propagation(%)	70			
Min. bending radius(mm)	25			
Jacket Diameter(mm)	4.95±0.13			

Part Number List

Part Number	Length [mm]	Insertion Loss ≤(dB)	
		3GHz	5GHz
GAR1-NMNM-1000	1000±10	1.05	1.35
GAR1-NMNM-1500	1500±15	1.4	1.85

While the information has been carefully compiled to the best of our knowledge, nothing is intended as representation or warranty on our part and no statement herein shall be construed as recommendation to infringe existing patents. In the effort to improve our products, we reserve the right to make changes judged to be necessary.

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