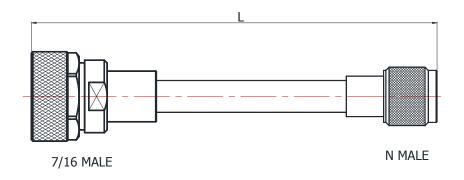
CABLE ASSEMBLY DATASHEET



LMR400FR, FLEXIBLE CABLE, 7/16(MALE)- N(MALE)

GAN9FR-716MNM-XXX



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

Configuration					
Connector 1 Type	7/16 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	LMR400FR				
Electrical Specifications Impedance 50 Ω					
Frequency	DC to 6 GHz				
Return Loss/VSWR	1.4 to 6 GHz				
Phase Stability vs. Flexure	N/A				
Amplitude Stability	N/A				
Shielding Effectiveness	<-90dB @ 1GHz				
Phase Matching	On request				
Signal Delay	On request				
Power Handling	330watt @ 2.5GHz at sea level,VSWR1.0				
Environmental Data					
Temperature Range	-40°C to +85°C				
2002/95/EC(RoHS)	Compliant				

Gwave 7	Technol	ogy	Co.,l	Ltd.
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CABLE ASSEMBLY DATASHEET



LMR400FR, FLEXIBLE CABLE, 7/16(MALE)- N(MALE)

GAN9FR-716MNM-XXX

Cable Specifications				
Center Conductor	Bare Copper, solid			
Dielectric	PE			
Jacket	PE			
Capacitance(pF/m)	78.4			
Velocity of propagation(%)	85			
Min. bending radius(mm)	25.4			
Jacket Diameter(mm)	10.29			

Part Number List

Part Number	Length [mm]	Insertion Loss ≤(dB)		
		1GHz	6G	
GAN9FR-716MNM-1500	1500±15	0.39	0.95	
GAN9FR-716MNM-500	500±5	0.27	0.66	

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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Page

2/2