

N-Type High Power RF Connector

Electrical	Materials	Environmental
Impedance – 50 Ω	Body – Brass (Spec: C3602)	Temp. range – -65°C thru 165°C
Frequency range – 1 MHz - 11 GHz	Finish – Silver or White Bronze	Shock – Consult Rep.
Voltage – 1400 VRMS max sea level	<u>Contacts/Finish</u>	Humidity – Consult Rep.
Dielectric withstand – 2500 VRMS max sea level	Centre MALE – Brass (Spec: C3602)	Vibration – Consult Rep.
VSWR – 1.1 max (3 GHz)	Centre FEMALE – Cubez (Spec: Qbe2)	Corrosion – Consult Rep.
	– 1.3 max (3-11 GHz)	
Resistance Inner – 0.8 mΩ max	Insulator – PTFE	Related Information
Outer – 0.2 mΩ max	Spring Ring – Heat Treated	Cable – Section D
Insulator – 5000 MΩ min	Gasket – Silicone Rubber	Hand Tools – Section F
3 rd Order IM – Typical -125 dBm	Crimp Ferrules – Annealed Copper/Silver	Termination Instr. – Section G
(-168 dBc)		Terminology – Section J
	Mechanical	
	Unter Rententivity – > 0.6N	
	Hardness – > 500 Times for drawing	

N-Type High Power RF Plugs

Pin2Pin Ferrule	RECOMMENDED CABLE STRIPPING DIM'S	RECOMMENDED CABLE STRIPPING DIM'S			
Termination Instruction C	Termination Instruction E	Termination Instruction H			
N1121A1NT3Gxxx50					
Part Number:	Description:	Part Number:	Description:	Part Number:	Description:
82-6091-RFX	Crimp/Solder Straight Plug for Pin2Pin Contact.	82-5380-RFX	For RG/U 59/62 Cable.	34525-RFX	For RG/U 59/62 Cable.
	For RG/U 174/188/316 Cable.	82-5375-RFX	For RG/U 58/141 Cable.	34025-RFX	For RG/U 58/141 Cable.
		82-442611RFX	For RG/U 8/213 Cable.		
RECOMMENDED CABLE STRIPPING DIM'S	Dim: A: 35.5mm, B: 21mm, C: 11.1mm, D: 49.5mm	RECOMMENDED CABLE STRIPPING DIM'S			
Termination Instruction H	Termination Instruction E	Termination Instruction U			
N1141A1NT3Gxxx50			N1181B13GNT3Gxxx50		
Part Number:	Description:	Part Number:	Description:	Part Number:	Description:
82-202-RFX	Clamp/Solder Straight Plug – Captive Contact. For RG/U 8/213/214 Cable.	82-4440-RFX	Crimp/Crimp Right Angle Plug. For RG/U 8/213/214/225/393 Cable.	82-5956-RFX	For .085 Cable. A:2.2 B:3.0
				82-5955-RFX	For .141 Cable. A:3.6 B:4.6
Dim: A: 29.8mm, B: 21mm, C: 5.6mm	Dim: A: 36.5mm, B: 21mm, C: 6.6mm, D: 27.2mm Crimp/Crimp Right Angle Plug	Dim: A: 37.7mm, B: 21mm, C: 10.6mm			
Termination Instruction E	Termination Instruction E	Termination Instruction E			
N1121A1NT3Gxxx50			N1121A1NT3Gxxx50		
Part Number:	Description:	Part Number:	Description:	Part Number:	Description:
82-6152-RFX	Crimp/Crimp Straight Plug. For LMR240, TWB2401 Cable.	82-6157-RFX	For LMR240, TWB2401 Cable. Nickel Body.	82-340-1052	Crimp/Crimp Straight Plug. For LMR400, TWB4001, Belden 9913, 9914 Cable.
		82-6166-RFX	For LMR240, TWB2401 Cable. Silver Body		