



4	1	O-ring	Silicone rubber	
3	1	Body	Brass/Nickel plated	
2	1	Insulator	PTFE	
1	1	Centre contact	Brass/Gold plated	
Itemref	Quantity	Title/Name, designation, material, dimension etc		Article No./Reference

Designed by Xio Xang	Checked by Jing Lo	Approved by Jing Chan	File name N_N-1110	Date 03.03.24	Scale 1:1
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	N_N-1110		
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CHARACTERISTICS

DESCRIPTION: N type plug to plug adaptor

Electrical data:

Impedance:	50 ohm
Frequency range:	DC to 12.4 GHz
Return loss:	≥ 35 dB, DC to 2 GHz ≥ 30 dB, 2 to 4 GHz ≥ 25 dB, 4 to 9 GHz
Insertion loss:	≤0.15dB, DC-4GHz
Insulation resistance:	≥5000MΩ
Test voltage:	2500 V rms
Working voltage:	1400 V rms
Contact resistance:	
1). Centre contact:	1.0 mΩ
2). Outer conductor:	0.2 mΩ
Power handling (at 20 °C, sea level, VSWR 1.0)	1000 W @ 1 GHz 700 W @ 2 GHz

Environmental data:

Temperature rating:	-55 °C to +155 °C
2002/95/EC (RoHS):	Compliant

Mechanical data:

Mating cycles:	≥500
Center contact captivation:	≥28 N(axial)
Coupling test torque:	≤1.7 Nm
Recommended torque:	0.7 Nm to 1.1 Nm

Suitable cables:

N/A