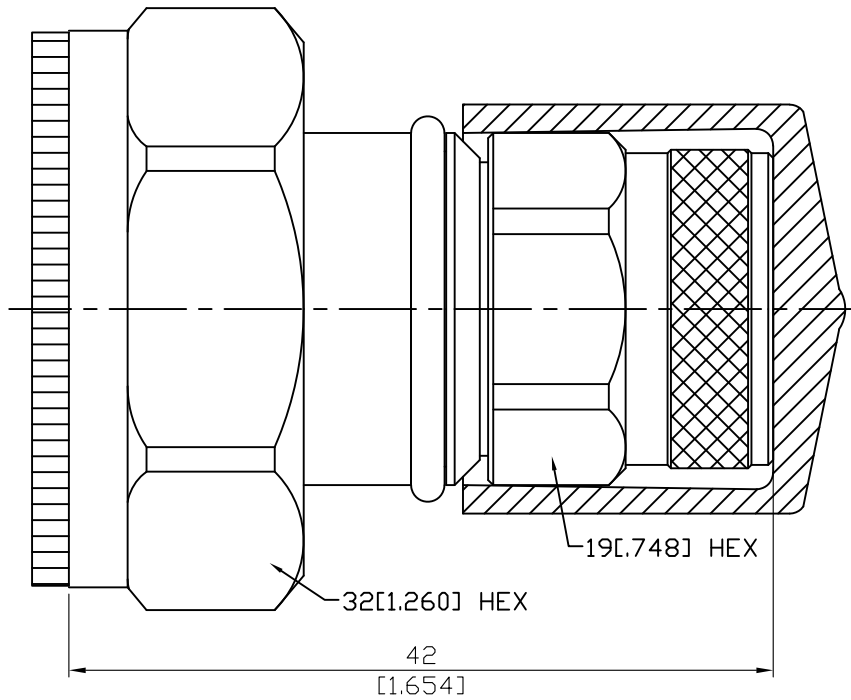


AD-N3DI3/LP

Low PIM N Plug To 7/16 Plug
7.5GHz VSWR 1.15

50Ω



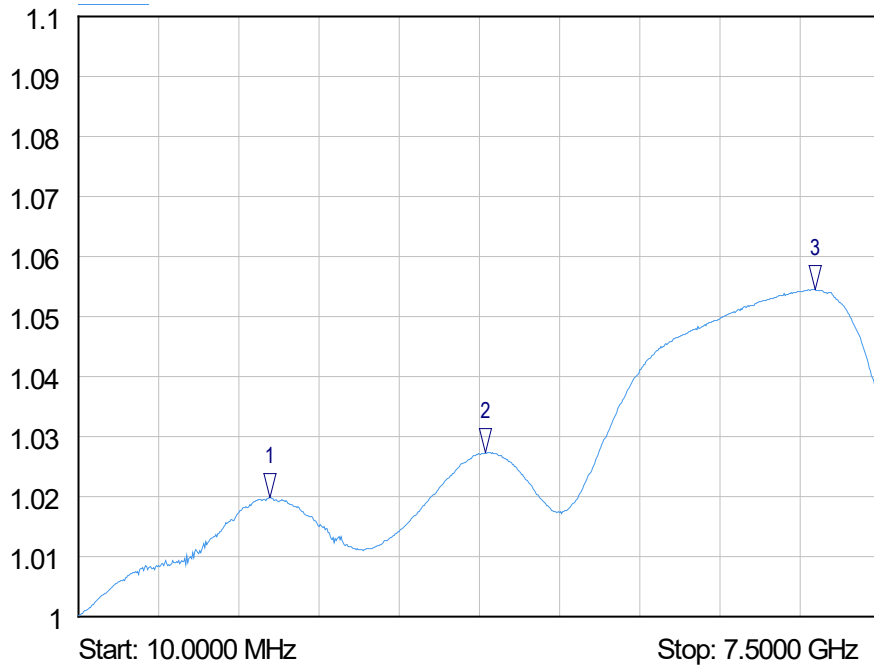
Intermodulation: ≥ 165 dBc

Parts	Material	Plating (Micro-inch)
7/16 Cap	PE	
N Cap	PVC	
Gasket	Silicone	
Retainer Ring	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Contact Pin	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Insulator	Teflon	
Body	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Coupling Nut	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50

AD-N3DI3/LP	Low PIM N Plug To 7/16 Plug 7.5GHz VSWR 1.15	
<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Interface</div> Standard	7/16 <hr/> IEC 60169-4	N <hr/> MIL-STD-348B
<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Electrical Data</div> Impedance Frequency Range VSWR Insertion Loss Insulation Resistance Dielectric Withstanding Voltage (at sea level) Working Voltage (at sea level)	50Ω DC To 7.5GHz ≤ 1.15 (DC To 7.5GHz) $\leq 0.04 \times \sqrt{f(\text{GHz})}$ dB $\geq 5000\text{M}\Omega$ 2500 V rms 1000 V rms	
<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Mechanical Data</div> Recommended Coupling Nut Torque Coupling Proof Torque Coupling Nut Retention Force Contact Captivation-axial Durability (mating)	7/16 <hr/> 260 in-lbs <hr/> 310 in-lbs <hr/> ≥ 221 lbs <hr/> ≥ 45 lbs <hr/> ≥ 500	N <hr/> 6 to 10 in-lbs <hr/> 15 in-lbs <hr/> ≥ 101.2 lbs <hr/> ≥ 6.3 lbs <hr/> ≥ 500
<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Environmental Data</div> Temperature Range Thermal Shock Moisture Resistance Corrosion RoHS	-65°C to +165°C MIL-STD-202, Method 107, Condition B MIL-STD-202, Method 206 MIL-STD-202, Method 101, Condition B Compliant	

AD-N3DI3/LP

SoftPlot Measurement Presentation
VSWR S22



- 1 S22
▽ 1.8000 GHz
1.02 VSWR
- 2 S22
▽ 3.8100 GHz
1.03 VSWR
- 3 S22
▽ 6.8900 GHz
1.05 VSWR