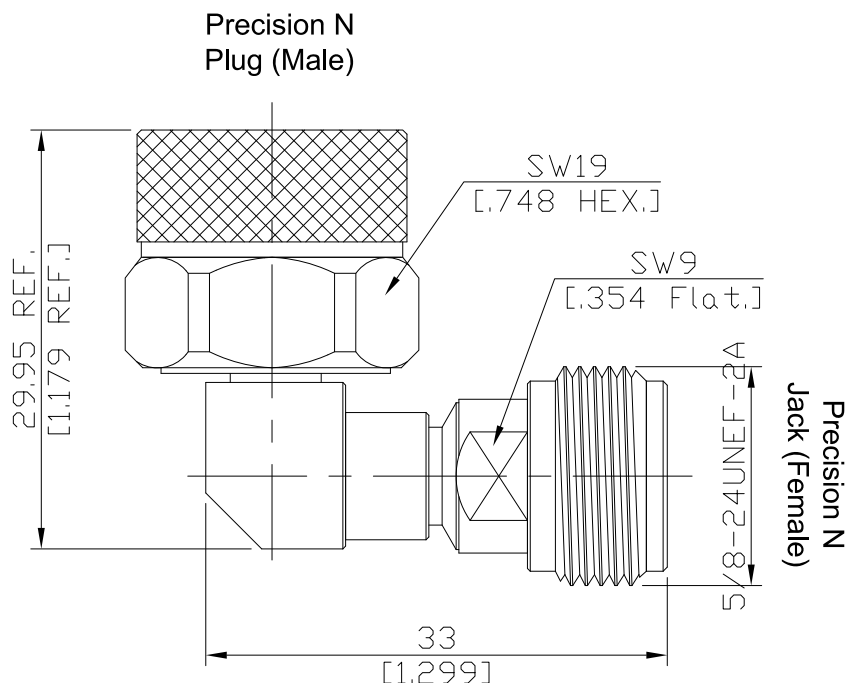


Precision N Plug (Male) to Precision N Jack (Female) Miter Right Angle Adapter
DC-18 GHz VSWR ≤1.35

ASL-PCN1PCN25A / 9XX-9X



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to

IEC 61169-16; MIL-STD 348B/402; IEEE Std 287; MIL-PRF-39012

Electrical Data

Impedance

50 Ω

Frequency

DC to 18 GHz

VSWR (Return Loss)

≤ 1.35 (≥ 16.54 dB)

Insertion Loss

≤ 0.3 dB

Insulation Resistance

≥ 5 GΩ

Center contact resistance

≤ 1.0 mΩ

Outer contact resistance

≤ 1.0 mΩ

Test voltage

2500 V rms

Working voltage

1000 V rms

RF Leakage

≥ 90 dB up to 1 GHz

Material And Plating

Piece Parts (Precision N)	Material	Plating
Centre contact	Beryllium Copper	Gold plating
Body	Stainless Steel	Passivated
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling nut	Stainless Steel	Passivated
Piece Parts (Precision N)	Material	Plating
Centre contact	Beryllium Copper	Gold plating
Body	Stainless Steel	Passivated
Insulator	PTFE	

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Mechanical Data

Coupling mechanisms	Screw-lock
Mating Cycles	min. 500
Center contact captivation	≥ 28 N
Coupling Test Torque	1.70 Nm
Recommended Torque	0.70 Nm to 1.10 Nm

Environmental Data

Temperature Range	-55°C to +125°C
Thermal shock	IEC 61169-1, Subclause 9.4.4
Corrosion	IEC 61169-1, Subclause 9.4.6
Vibration	IEC 61169-1, Subclause 9.3.3
Shock	IEC 61169-1, Subclause 9.3.14
Moisture Resistance	IEC 61169-1, Subclause 9.4.3
RoHS	compliant

Packing

Single or 100