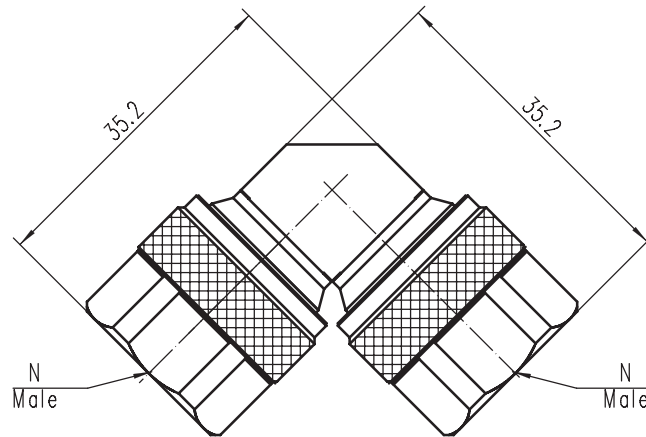


# PRECISION ADAPTOR 90 DEG N Male - N Male

## N-JWJG



### Electrical data

Impedance	50 $\Omega$
Frequency	DC to 18GHz
VSWR	$\leq 1.30$ , DC to 18 GHz
Insertion loss	$\leq 0.09 \times \sqrt{f(\text{GHz})}$ dB
Insulation resistance	$\geq 5 \text{ G}\Omega$
Center contact resistance	$\leq 2.0 \text{ m}\Omega$
Outer contact resistance	$\leq 5.0 \text{ m}\Omega$
Test voltage	1500 V rms
Working voltage	500 V rms
RF-leakage	$\leq 90$ dB up to 1 GHz

### Mechanical data

Mating cycles	$\geq 500$
Center contact captivation	$\geq 28 \text{ N}$
Coupling test torque	1.70 Nm
Recommended torque	0.70 Nm to 1.10 Nm

### Material and plating

#### Connector parts

Center contact  
Outer contact  
Coupling nut  
Dielectric

#### Material

Beryllium copper  
Stainless steel  
Stainless steel  
PEI

#### Plating

Gold, over chemical nickel  
Passivated  
Passivated

### Environmental data

Temperature range	-40°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
2002/95/EC (RoHS)	compliant