

# QA9N

## 7/8" (IF45) to N

Features:  
\* Low VSWR

Applications:  
\* Wireless  
\* Transmitter  
\* Laboratory Test  
\* Radar

### Electrical

Frequency:	DC~5GHz
VSWR:	1.07@DC~1000MHz max.
Dielectric Withstanding Voltage:	6000V RMS, 50Hz, at sea level, min.
Working Voltage:	2100V RMS, 50Hz, at sea level, max.
Impedance of Dielectric:	5000MΩ min.
Impedance of Contact (Center):	1.5mΩ max.
Impedance of Contact (Outer):	1.5mΩ max.
Average Power:	2.3KW@900MHz
Peak Power:	90KW max.
Impedance:	50Ω

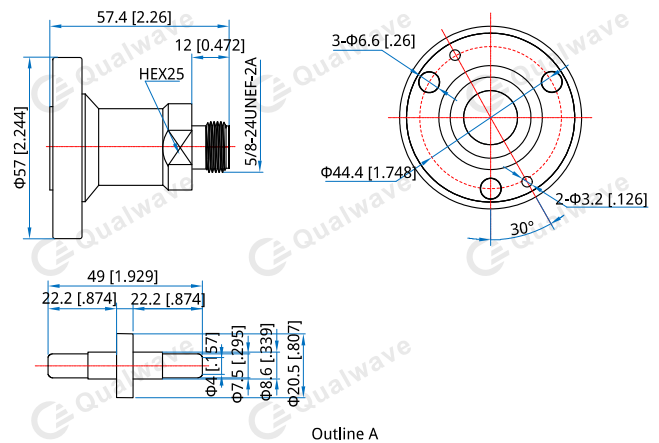
### Mechanical

RF Connectors:	7/8" (IF45) N
Mating Life Cycle:	100 cycles/500 cycles
ROHS Compliant:	Full ROHS compliance
Outer Conductor:	Nickel plated brass
Dielectric:	PTFE
Inner Conductor:	Silver plated phosphor bronze
Couplingnut:	Nickel plated brass
Cable clamp:	Nickel plated brass
Gasket:	Silicone rubber

### Environmental

Temperature:	-55~+85°C
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### Outline Drawings



Outline A

Unit: mm [in] Tolerance: ±0.2mm [±0.008in]

### How To Order

**QA9N-F** - 7/8" to N (f), Outline A

Customization is available upon request.