

FA9N 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. (Outline A)
Impedance of Dielectric:	5000MΩ min.
Impedance of Contact (Center):	1.5mΩ max. (Outline A)
Impedance of Contact (Outer):	1.5mΩ max. (Outline A)
Average Power:	2.3KW@900MHz
Peak Power:	90KW max. (Outline A) 10KW max. (Outline B)
Impedance:	50Ω

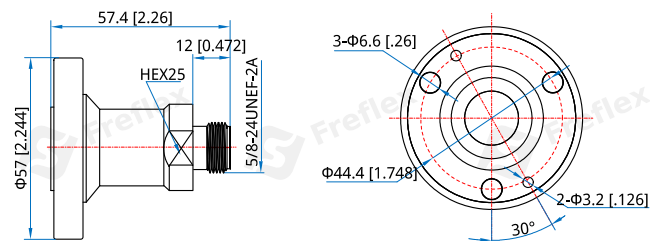
Mechanical

RF Connectors:	7/8" (IF45) N
Mating Life Cycle:	100 cycles min.
ROHS Compliant:	Full ROHS compliance
Outer Conductor:	Nickel plated brass
Dielectric:	PTFE
Inner Conductor:	Silver plated phosphor bronze Silver plated brass (Outline B)
Couplingnut:	Nickel plated brass (Outline A)
Cable clamp:	Nickel plated brass (Outline A)
Gasket:	Silicone rubber (Outline A)
Waterproof:	With O-Ring

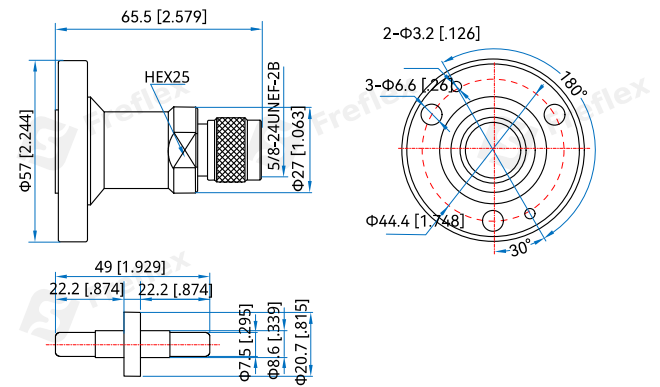
Environmental

Temperature:	-55~+85°C
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Outline Drawings



Outline A



Outline B

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

How To Order

FA9N-F - 7/8" to N (f), Outline A

FA9N-M - 7/8" to N (m), Outline B

Customization is available upon request.