

## NA97

7/8" (IF45) to 7/16 DIN (L29)

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)<br>7/16 DIN (L29) |
| Mating Life Cycle: | 100 cycles min.               |
| ROHS Compliant:    | Full ROHS compliance          |
| Outer Conductor:   | Nickel plated brass           |
| Dielectric:        | PTFE                          |
| Inner Conductor:   | Silver plated phosphor bronze |

### Environmental

Temperature: -55~+85°C

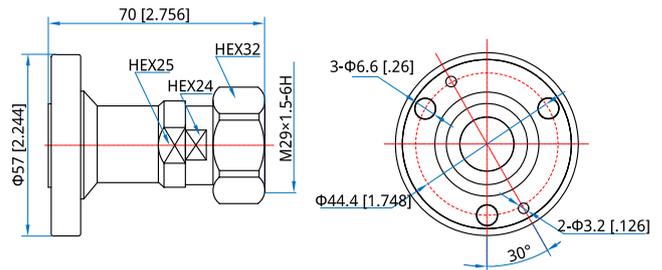
### How To Order

**NA97-M** - 7/8" to 7/16 DIN (m), Outline A

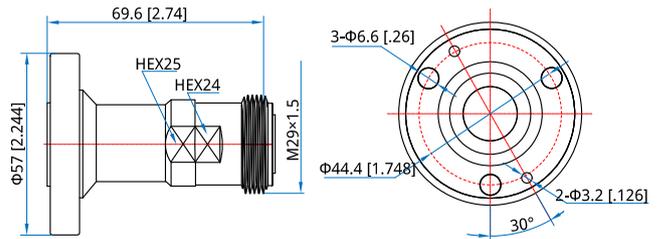
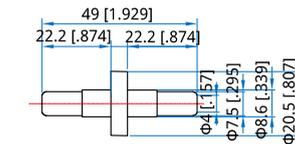
**NA97-F** - 7/8" to 7/16 DIN (f), Outline B

Customization is available upon request.

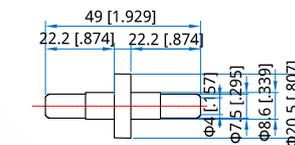
### Outline Drawings



Outline A



Outline B



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