

## Model 1548 Precision Coaxial Adapter SMA to Type N Connectors

dc to 18.0 GHz



### Features

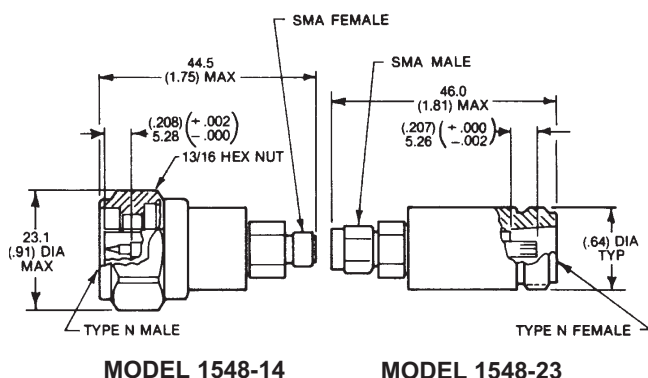
- High Repeatability
- Rugged Construction
- Stainless Steel Construction

### Specifications

**NOMINAL IMPEDANCE:** 50  $\Omega$

**FREQUENCY RANGE:** dc to 18.0 GHz

### PHYSICAL DIMENSIONS:



| MAXIMUM SWR:    |      |
|-----------------|------|
| Frequency (GHz) | SWR* |
| dc - 18         | 1.10 |

| INSERTION LOSS (dB): |                 |
|----------------------|-----------------|
| Frequency (GHz)      | Loss (maximum)* |
| dc - 18              | <0.43           |

| REPEATABILITY (dB): |         |      |
|---------------------|---------|------|
| Frequency (GHz)     | Type N  | SMA  |
| dc - 12.4           | < 0.006 | 0.01 |
| 12.4 - 18           | < 0.010 | 0.02 |

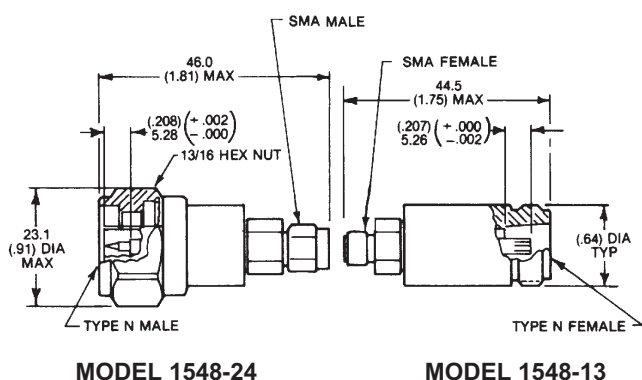
\* Specification based on mated pair terminated in 50  $\Omega$ .

**TEMPERATURE RANGE:** -55°C to + 85°C

**CONSTRUCTION:** Stainless steel body and coupling nuts. Gold plated beryllium copper center conductors and SMA bodies, injection molded insulators. Coupling Torque: 14  $\pm$  1 inch pounds for Type N and 8 $\pm$ 0.5 inch pounds for SMA.

**CONNECTORS:** Type N and SMA connectors per MIL-STD-348 interface dimensions - mate nondestructively with MIL-C-39012 connectors.

**WEIGHT:** 56.7 g (2 oz) maximum connectors only.



NOTE: All dimensions are given in mm (inches) and are maximum, unless otherwise specified.