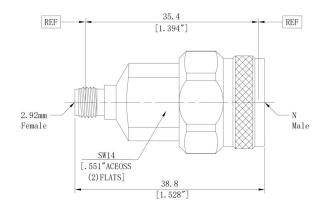


N Male to 2.92mm Female Adapter

Drawing(mm)





Electrical & Environmental

| Impedance | 50 ohm | | | | | |
|-----------------|--------------------------|--|--|--|--|--|
| Frequency Range | 18 GHz | | | | | |
| VSWR | 1.15 max | | | | | |
| Operating Temp | -55℃ to +165℃ | | | | | |
| Interface | N&2.92mm per MIL-STD-348 | | | | | |

Material

| Connector Body | nector Body Passivated stainless steel | | | | | |
|----------------|--|--|--|--|--|--|
| Center Contact | Gold plated beryllium copper | | | | | |
| Insulator | PEI | | | | | |

Typical Test Data

| The | Trace/Chan | Response | Marker/Analysis | Stimulus | Utility | Help | | | |
|-------|----------------------|-----------|-----------------|----------|--------------------|------|---------|---|------------------|
| 5.00 | Tr 1 S11 SWR 0.10 | 007 1.000 | | l l | 'r 2 \$12 LogM 1 | | | | |
| 4.00 | | | | | 1: | 12 | .884 GF | z | 1.09 |
| 3.00 | | | | | > 1: | 17 | .596 GH | z | -0.30 dB |
| | | | | | | | | | |
| 2.00 | 0 | | | | | | | | |
| 1.00 | 0 | | | | | | | | |
| 0.00 | 0 | | | ~ | | | | | ◄ |
| -1.00 | 0 | | | | | | | | |
| -2.00 | 0 | | | | | | | | |
| -3.00 | | | | | | | | | |
| -4.00 | | | | | | | 1 | | |
| -4.00 | | | | | | | | | |
| 1 | Ch1: Start 50.0000 M | (Hz — | | \sim | | | | | Stop 18.0000 GHz |
| 2.00 | Tr 3 S22 SWR 0.10 | 007 1.000 | | l | 'r 4 S21 LogM 1 | | | | |
| 1.90 | | | | | > 1: | 17 | .035 GF | z | 1.09 |
| | | | | | 1: | 18 | .000 GH | z | -0.29 dB |
| 1.80 | | | | | | | | | |
| 1.70 | 0 | | | | | | | | |
| 1.60 | 0 | | | | | | | | |
| 1.50 | • | | | | | | | | <u>+</u> |
| 1.40 | 0 | | | | | | | | |
| 1.30 | | | | | | | | | |
| 1.20 | | | | | | | | | |
| 1.10 | | | | | | | | | |
| 1.10 | | ~ _ | | | | ~~~ | | | |
| 1.00 | | | | | | | | 1 | |
| 1.00 | Ch1: Start 50.0000 M | 1Hz — | | | | | | | Stop 18.0000 GHz |