

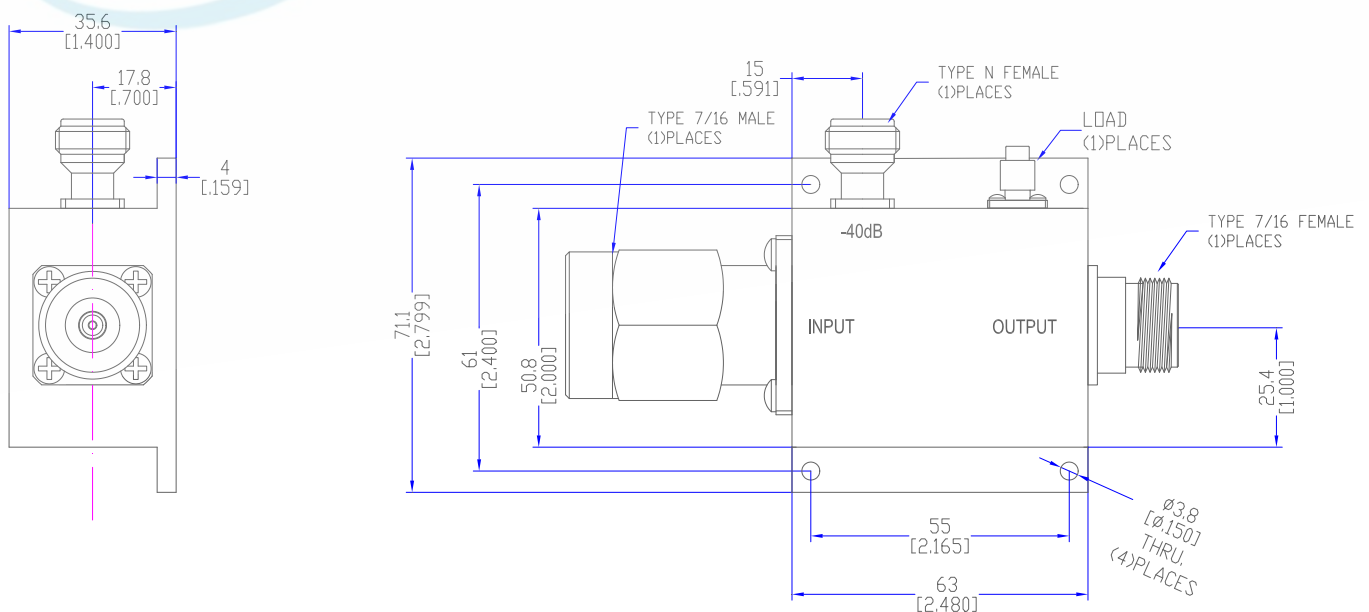
Model TDC2425DH40M

Features

Low VSWR
High Directivity
Broadband & Miniature Size

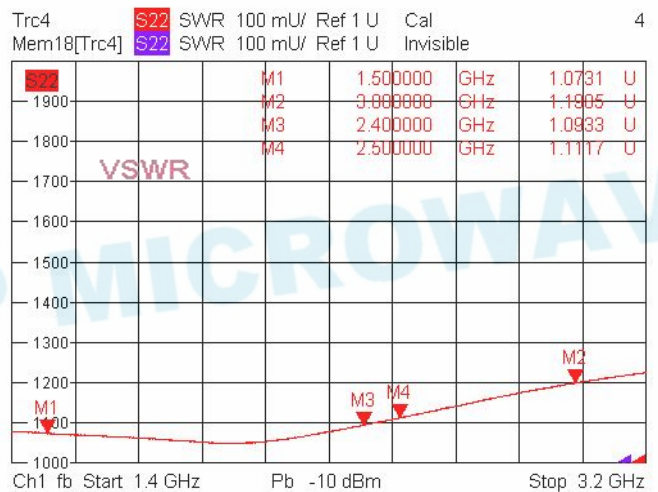
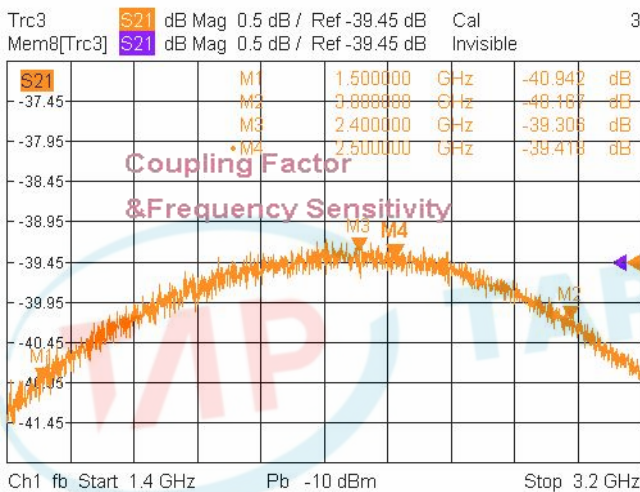
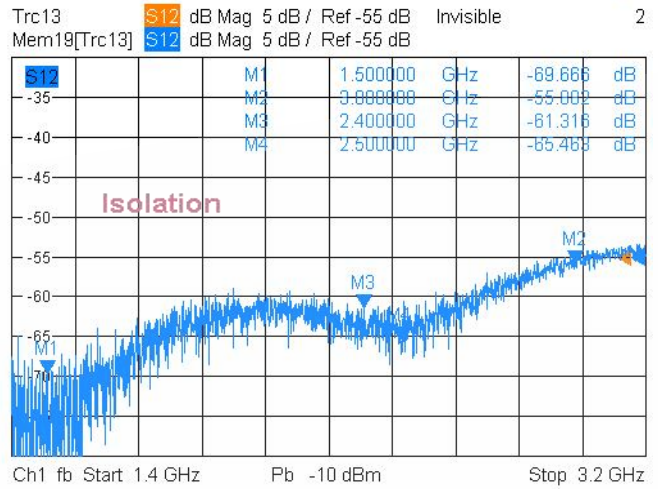
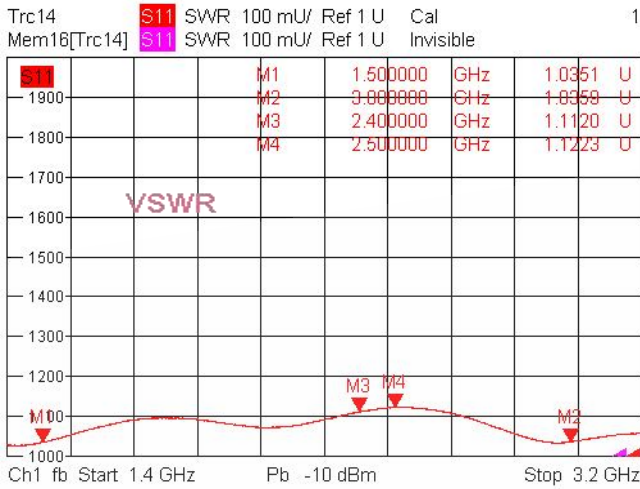
| Technical Data Sheet | | | |
|-----------------------------|--|-----------------------|---|
| Frequency Range | 2.4~2.5GHz | Finish | Painted Blue_ RAL #5007 |
| Insertion Loss | ≤0.2dB (Excl. Coupling Loss 0.01dB) | Connector Body | Brass, Tri-Alloy Plate |
| Coupling Factor | ≤40±1.0dB | Housing | Aluminum, 6061 T6 Clear Chem Conversion Film |
| Coupling Sensitivity | ≤±0.5dB | Connector Pin | Beryllium Copper, Gold Plate |
| Directivity | ≥15dB | Solder | Lead Free, RoHS Compliant |
| VSWR | Primary ≤1.30:1 Secondary ≤1.30:1 | Operating Temperature | -10~+65°C |
| ¹ Power Handling | Incident ≤1000Watt; Reflected ≤1000Watt | Operating Humidity | Up to 95%, Non- Condensing |
| Impedance | 50Ω | Weight | 260g |
| Port Connectors | Input: 7/16-Male Output: 7/16-Female Coupled: N-Female | | |

¹Power Handling guaranteed when load's VSWR within 1.50:1.



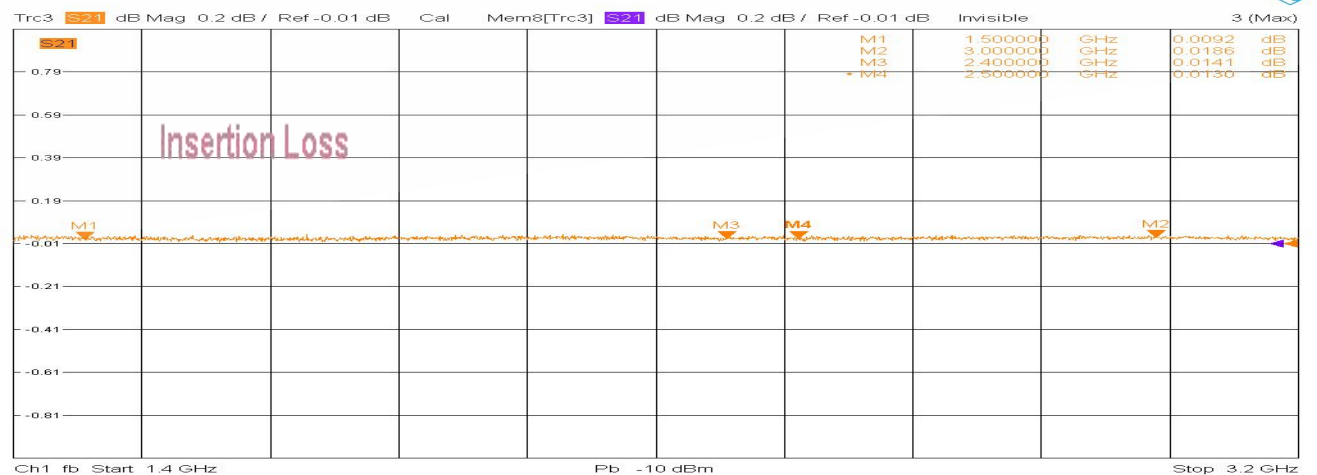
Typical Performance

1. Coupling Factor & Sensitivity, Isolation, VSWR



5/13/2024, 4:29 PM

2. Insertion Loss



5/13/2024, 4:27 PM

