

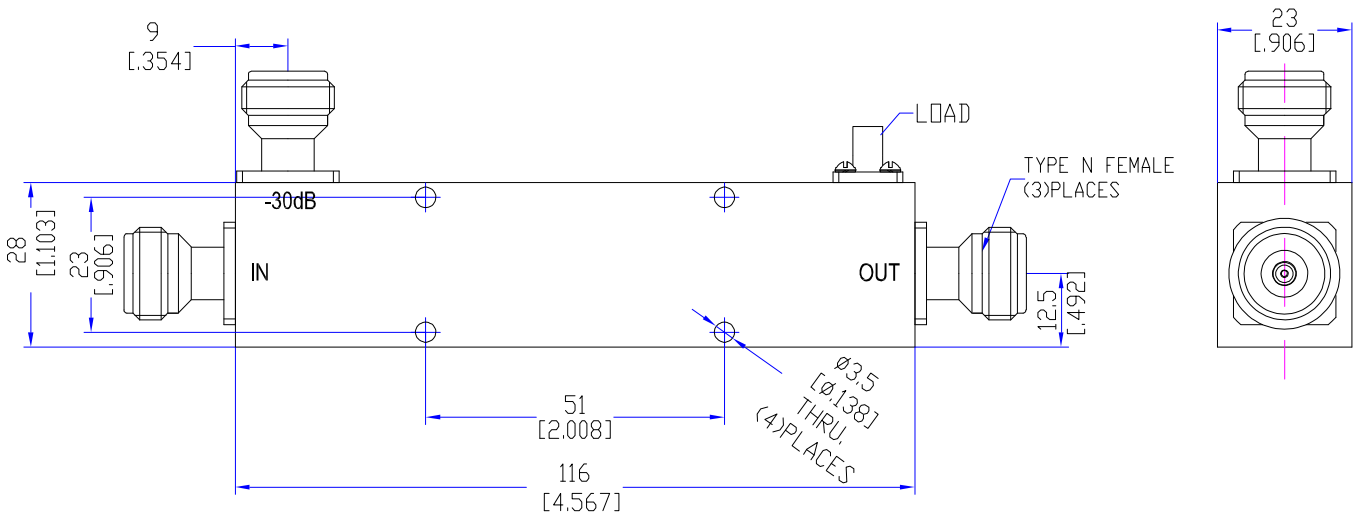
Model TDC0760N30

Features

Low VSWR
High Directivity
Broadband & Miniature Size

| Technical Data Sheet | | | |
|-----------------------------|--|-----------------------|---|
| Frequency Range | 0.7~6GHz | Finish | Natural oxygen |
| Insertion Loss | ≤0.6dB (Excl. Coupling Loss 0.01dB) | Connector Body | Brass, Tri-Alloy Plate |
| Coupling Factor | ≤30±1dB | Housing | Aluminum, 6061 T6 Clear Chem Conversion Film |
| Coupling Sensitivity | ≤±1.0dB | Connector Pin | Beryllium Copper, Gold Plate |
| Directivity | ≥15dB | Solder | Lead Free, RoHS Compliant |
| VSWR | Primary ≤1.30:1 Secondary ≤1.30:1 | Operating Temperature | -20~+65°C |
| ¹ Power Handling | Incident ≤50Watt; Reflected ≤50Watt | Operating Humidity | Up to 95%, Non-Condensing |
| Impedance | 50Ω | Weight | 260g |
| Port Connectors | N-Female | | |

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

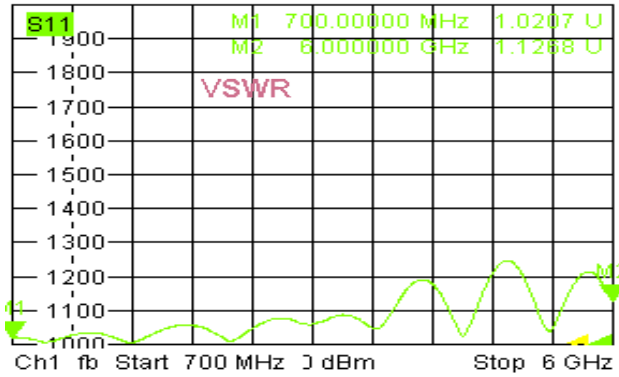


Typical Performance

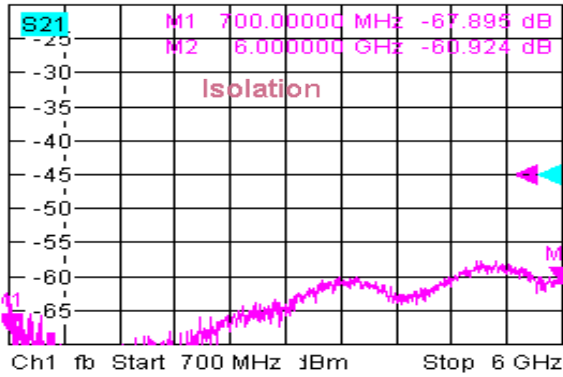
1. Coupling Factor & Sensitivity, Isolation, VSWR



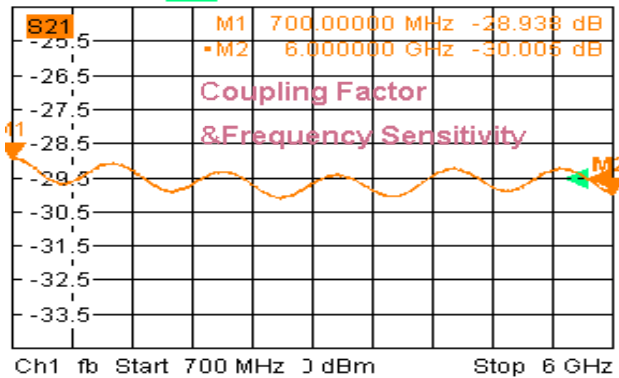
Trc1 Mem5[Trc1] S11 SWR 100 mU/ Ref 1 U Cal
S11 SWR 100 mU/ Ref 1 U Invisib



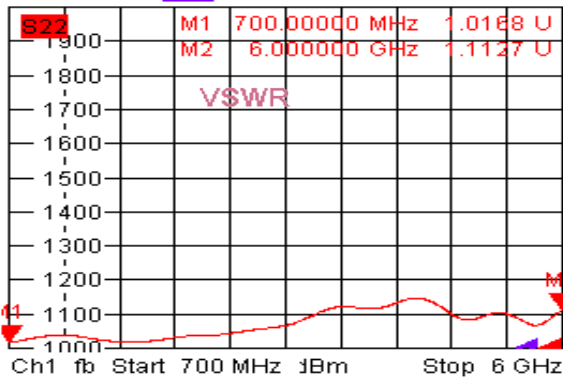
Trc2 Mem6[Trc2] S21 dB Mag 5 dB / Ref -45 dB
S21 dB Mag 5 dB / Ref -45 dB



Trc3 Mem7[Trc3] S21 dB Mag 1 dB / Ref -29.5 dB C:
S21 dB Mag 1 dB / Ref -29.5 dB In



Trc4 Mem8[Trc4] S22 SWR 100 mU/ Ref 1 U Ca
S22 SWR 100 mU/ Ref 1 U In

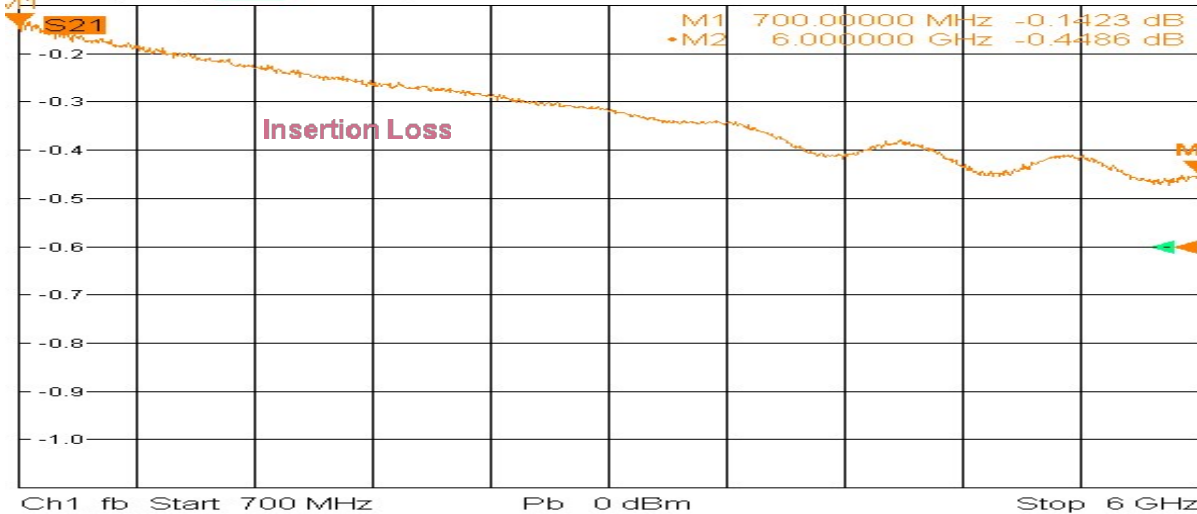


10/12/2020, 10:24 AM

2. Insertion Loss



Trc3 Mem7[Trc3] S21 dB Mag 0.1 dB / Ref -0.6 dB Cal
S21 dB Mag 0.1 dB / Ref -0.6 dB Invisib



10/12/2020, 10:25 AM

