

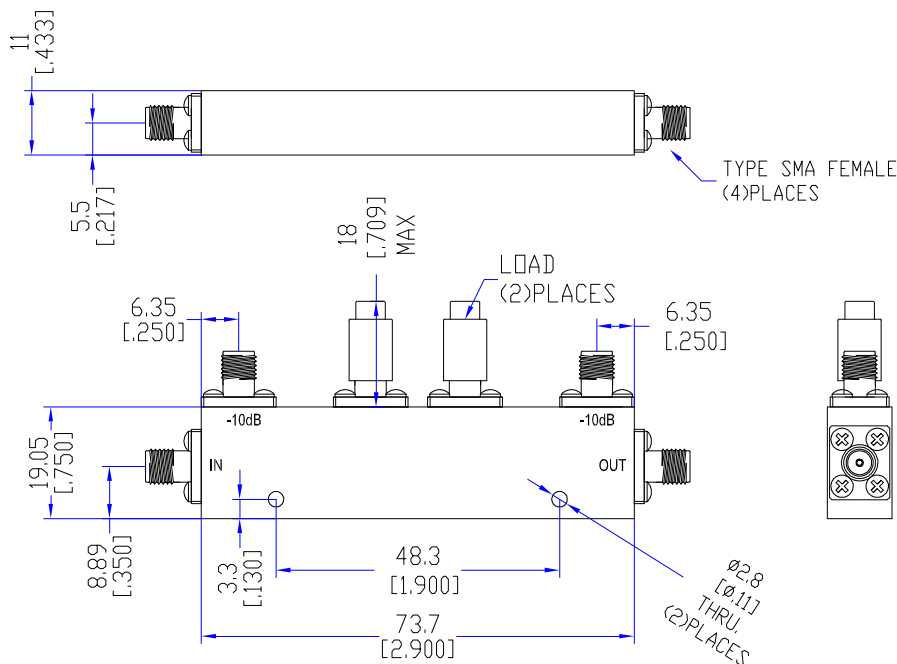
Model TDC80120A10D

Features

Low VSWR
High Directivity
Broadband & Miniature Size

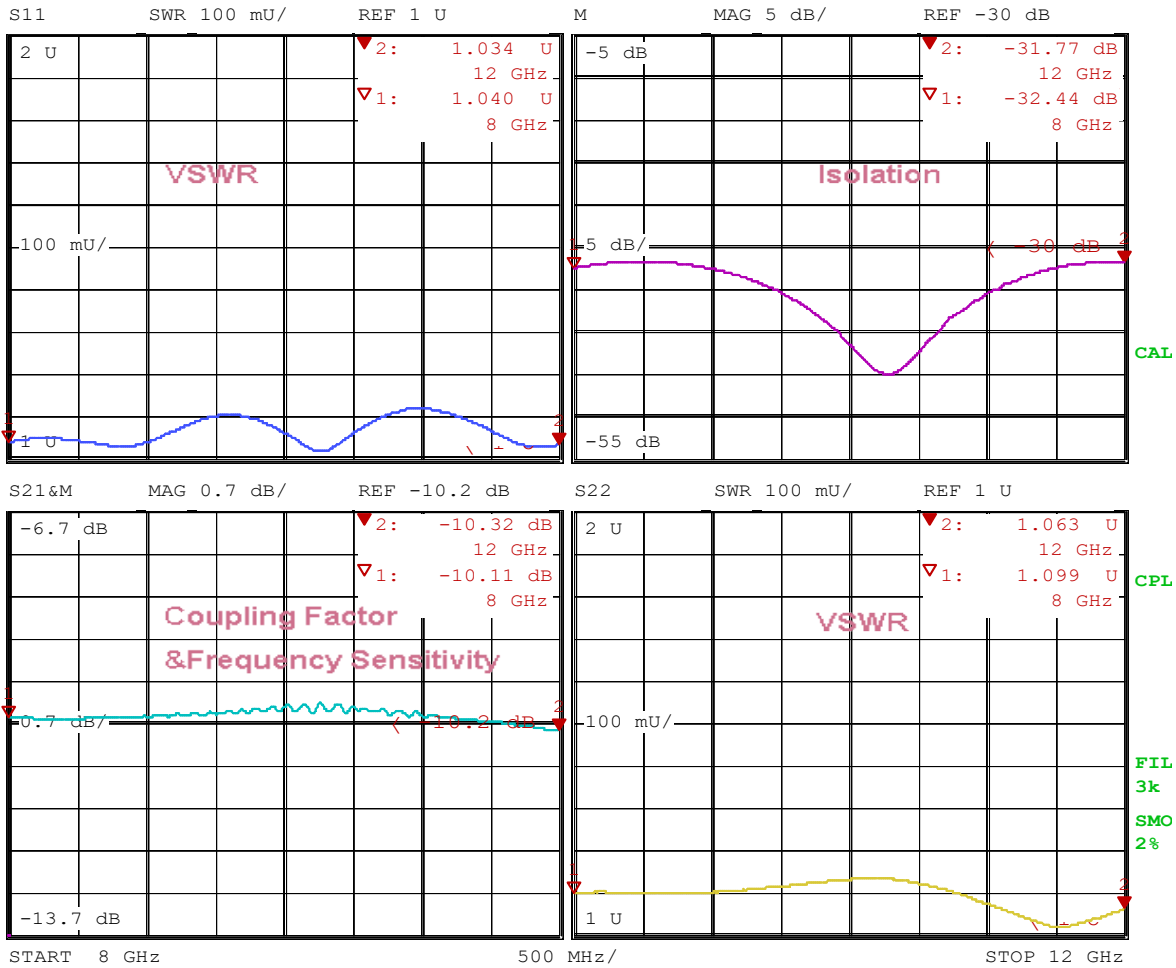
| Technical Data Sheet | | | |
|-----------------------------|--|-----------------------|---|
| Frequency Range | 8~12GHz | Finish | Painted Blue_ RAL #5007 |
| Insertion Loss | ≤1.0dB (Excl. Coupling Loss 0.92dB) | Connector Body | Passivated Stainless Steel |
| Coupling Factor | ≤10±1dB | Housing | Aluminum, 6061 T6 Clear Chem Conversion Film |
| Coupling Sensitivity | ≤±0.7dB | Connector Pin | Beryllium Copper, Gold Plate |
| Directivity | ≥20dB | Solder | Lead Free, RoHS Compliant |
| VSWR | Primary ≤1.35:1 Secondary ≤1.35:1 | Operating Temperature | -55~+85°C |
| ¹ Power Handling | Incident ≤20Watt; Reflected ≤20Watt | Operating Humidity | Up to 95%, Non- Condensing |
| Impedance | 50Ω | Weight | 70g |
| Port Connectors | SMA-Female | | |

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



Typical Performance

1. Coupling Frequency Sensitivity, VSWR & Isolation

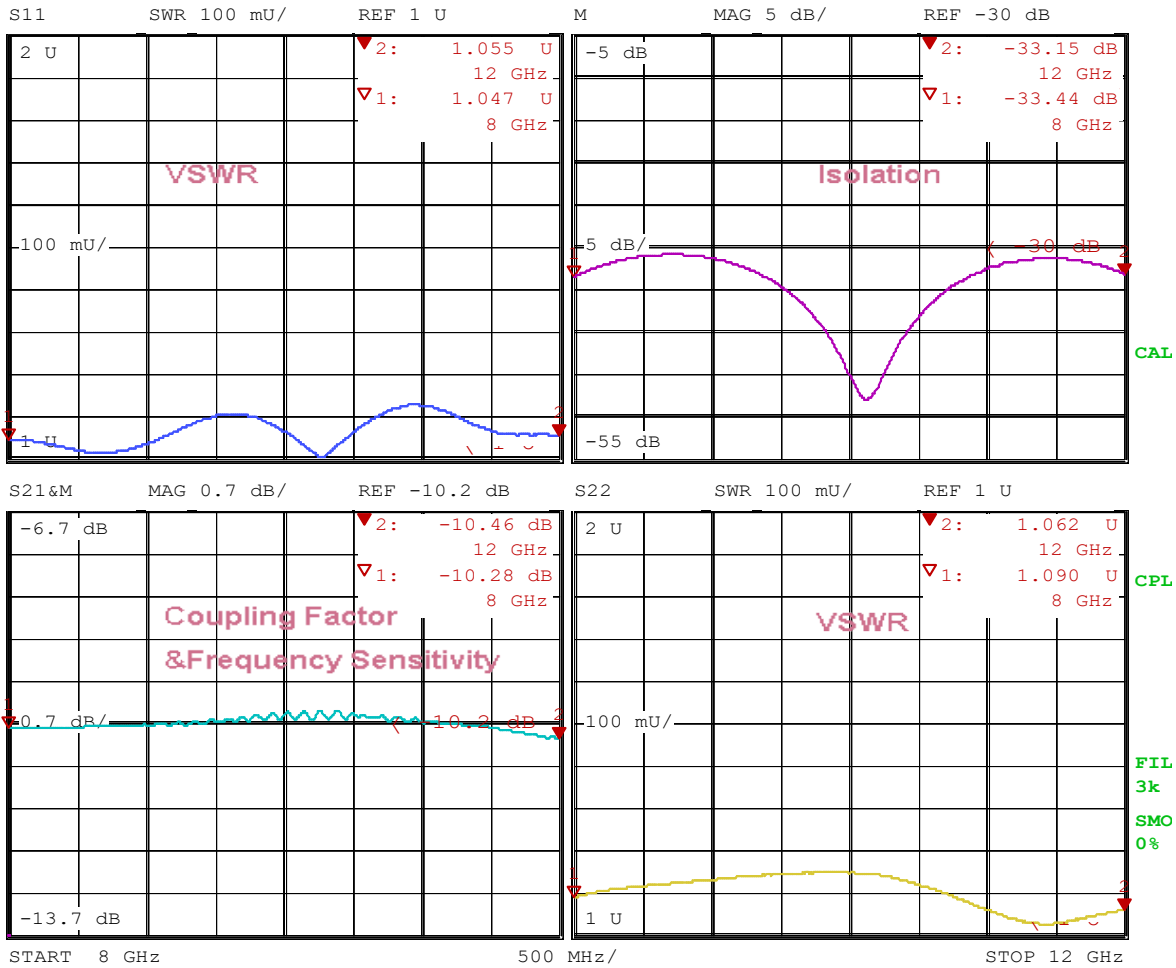


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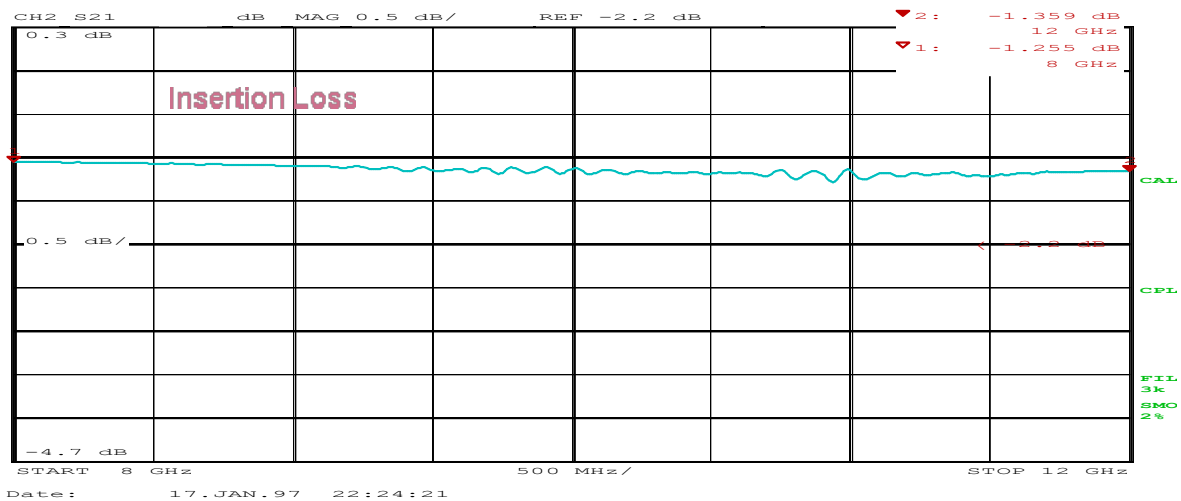
Typical Performance

2. Coupling Frequency Sensitivity, VSWR & Isolation



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3. Insertion Loss



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