

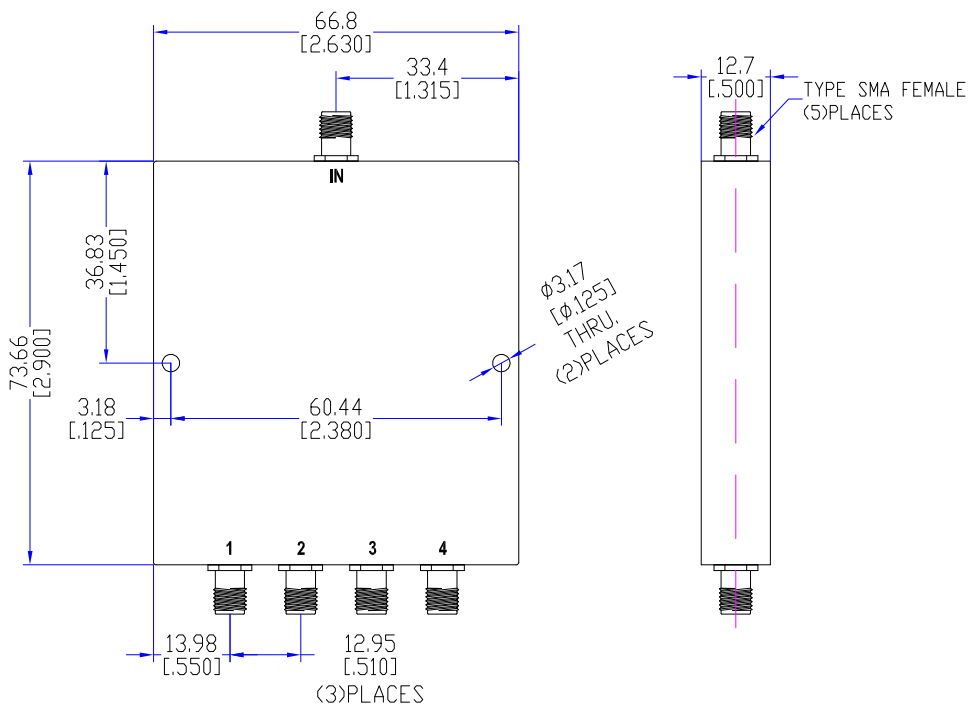
Model TPD0520A4S

Features

- Excellent phase& amplitude balance
- Low Insertion Loss& VSWR
- High Isolation

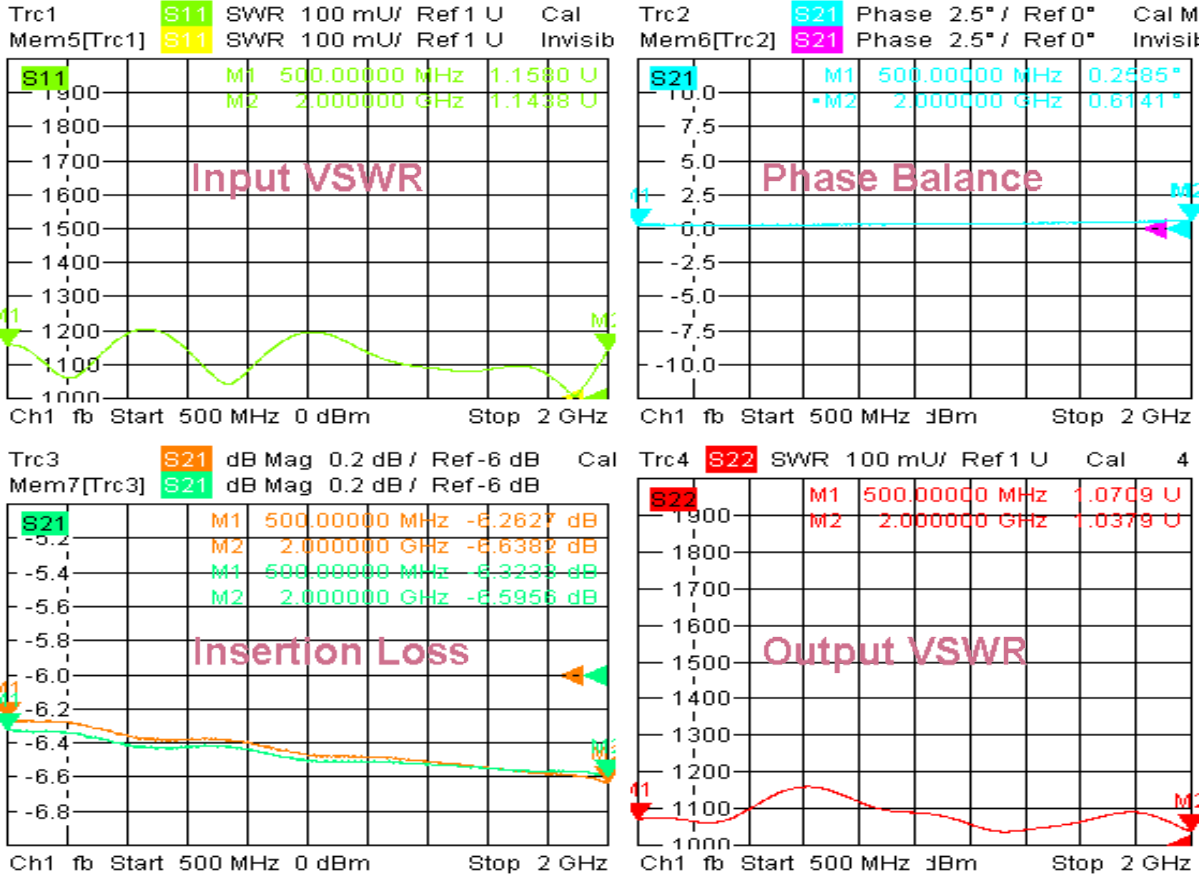
| Technical Data Sheet | | | |
|-----------------------------|-------------------------------------|-----------------------|-------------------------------------------------|
| Frequency Range | 0.5~2.0GHz | Finish | Painted Blue_ RAL #5007 |
| Insertion Loss | ≤0.8dB (Above 6.02dB Split) | Connector Body | Brass, Tri-Alloy Plate |
| VSWR | Input ≤1.30:1 Output ≤1.25:1 | Housing | Aluminum, 6061 T6 Clear Chem Conversion Film |
| Isolation | ≥20dB | Connector Pin | Beryllium Copper, Gold Plate |
| Amplitude Balance | ≤±0.2dB | Solder | Lead Free, RoHS Compliant |
| Phase Balance | ≤±3° | Operating Temperature | -55~+85°C |
| ¹ Power Handling | Forward ≤30Watt; Reversed ≤1Watt | Operating Humidity | Up to 95%, Non- Condensing |
| Impedance | 50Ω | Weight | 120g |
| Port Connectors | SMA-Female | | |

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



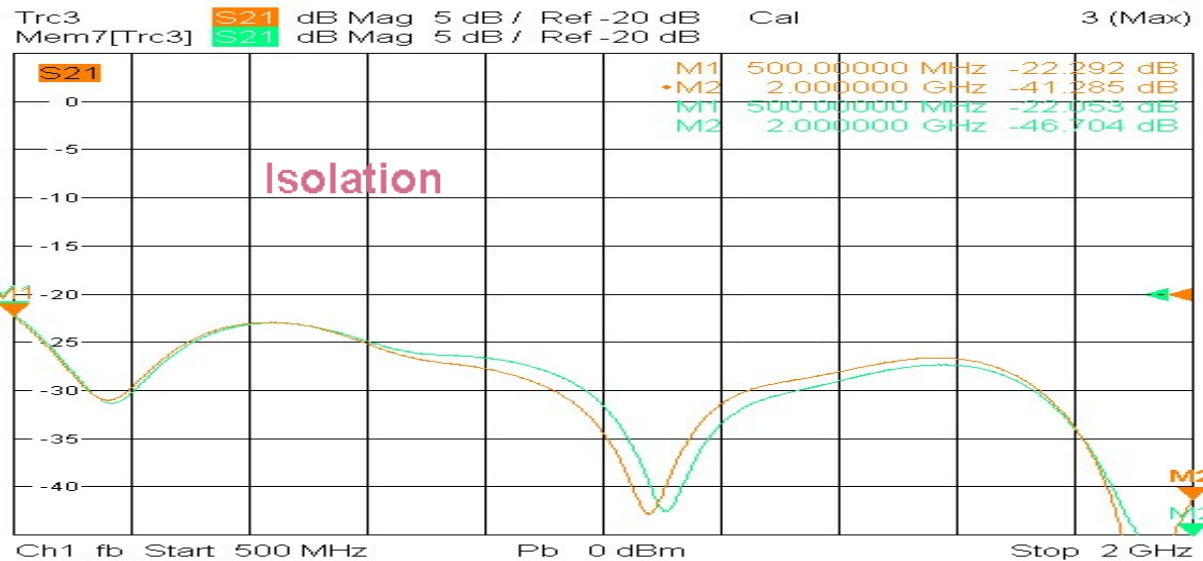
Typical Performance

1. Insertion Loss, Amplitude & Phase Balance, VSWR



8/23/2018, 10:40 AM

2. Insertion Loss



8/23/2018, 11:04 AM

