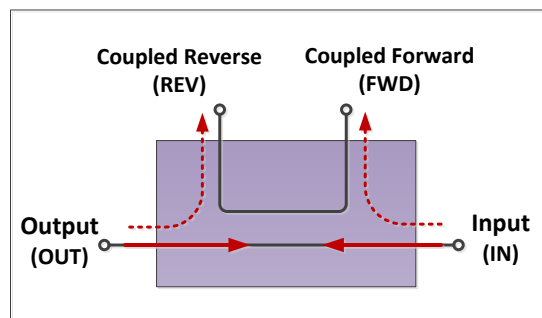


RoHS Compliant

Electrical schematic

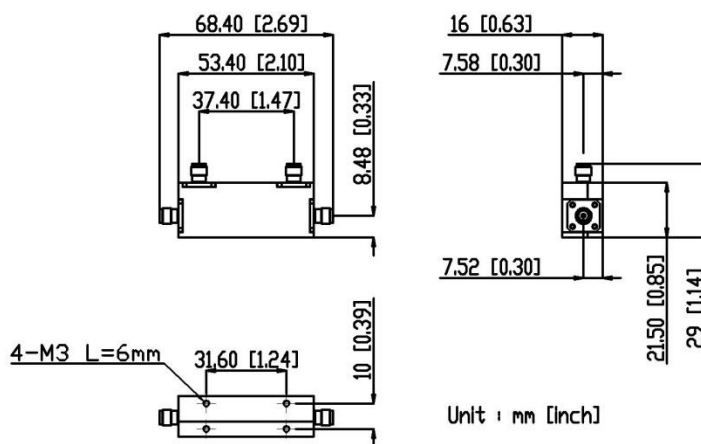


Electrical Specifications

| Parameter | Unit | Frequency (GHz) | Min. | Typ. | Max. | |
|--|------|-----------------|------|------|------|-----|
| Nominal Coupling (Forward Direction) | dB | 2 – 8 | 5.2 | 6 | 6.8 | |
| Coupling Flatness (Forward Direction) | | | | ±0.2 | ±0.4 | |
| Directivity (Forward Direction) | | | 21 | 23 | | |
| Main Line VSWR | :1 | | | 1.15 | 1.25 | |
| Coupled Line VSWR | | | | 1.20 | 1.25 | |
| Insertion Loss (Including Coupling Loss) | dB | | | | 1.7 | 2.1 |
| Nominal Coupling (Reverse Direction) | | | 5.2 | 6.1 | 7 | |
| Coupling Flatness (Reverse Direction) | | | | ±0.2 | ±0.5 | |
| Directivity (Reverse Direction) | | | 18 | 20 | | |
| Average Power Handling | W | | | | | 50 |

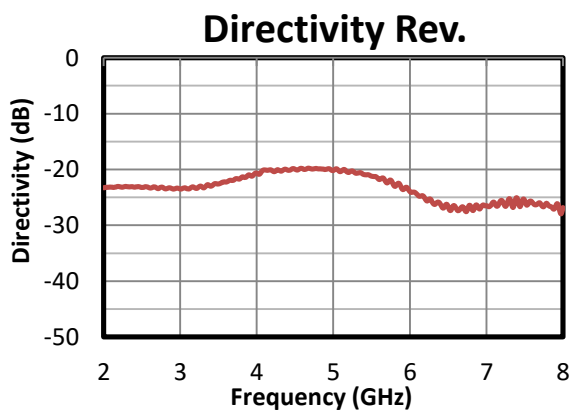
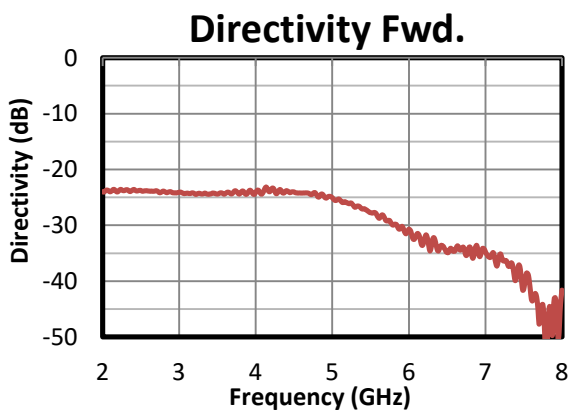
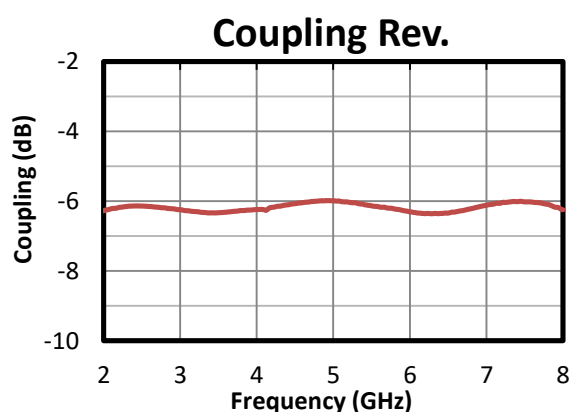
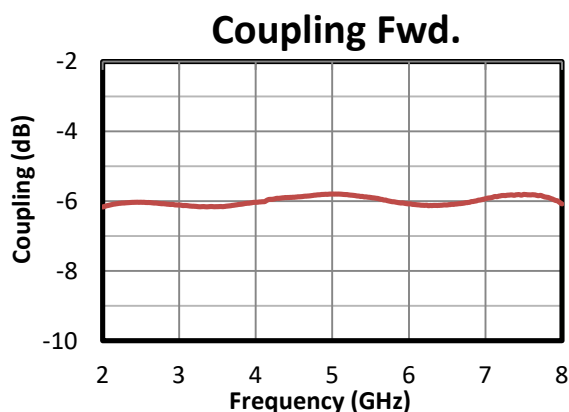
Operated in 50Ω system, 25°C environment.

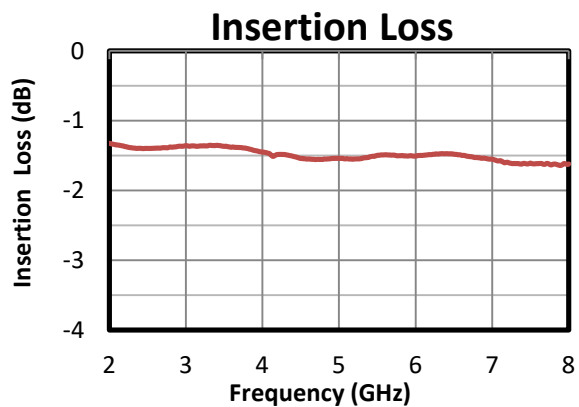
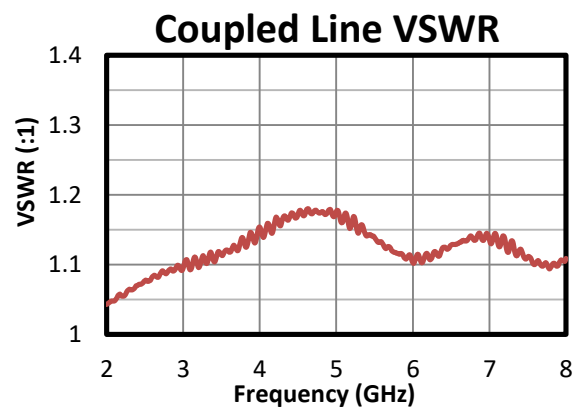
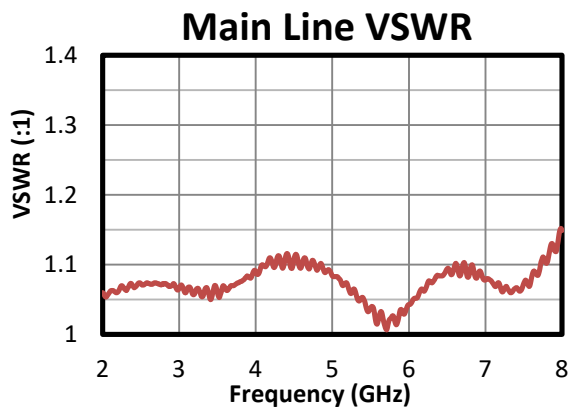
Outline Drawing



Connectors: SMA Female

Typical Performance





Typical performance S-parameter file: <https://www.amtery.com/en/goods-50>

For each S/N S-parameter file, go to <https://www.amtery.com/en/downloads>

Note: Specifications are subject to change without notice.