

Features

Ultra Wide Band

Low Insertion Loss

High Isolation

Rush Delivery

Fast Response

Customization Available Upon Request

Electrical Specifications

| Parameter | | Min. | Typ. | Max. | Unit |
|---------------------------|---------------|-------------|------|------|-------|
| Frequency | | 1 | - | 4 | GHz |
| Insertion Loss | | - | 1 | 1.2 | dB |
| Isolation | | 20 | 22 | - | dB |
| Input VSWR | | - | - | 1.4 | -- |
| Output VSWR | | - | - | 1.3 | -- |
| Amplitude Unbalance | | - | - | ±0.4 | dB |
| Phase Unbalance | | - | - | ±4 | deg |
| Power Rating | Forward Power | 30 | | | W |
| | Reverse Power | 2 | | | W |
| Impedance | | 50 | | | Ohms |
| Weight | | / | | | Ounce |
| Input / Output Connectors | | SMA-FEMALE | | | |
| Finish | | Black Paint | | | |

Environmental Specifications

| | |
|-----------------------|--|
| Operating Temperature | -45 to +85°C |
| Storage Temperature | -55 to +125°C |
| Altitude | 30,000ft (Epoxy Sealed Controlled environment) |
| Vibration | 25g RMS (15 degrees 2KHz) endurance, 1 hour per axis |
| Humidity | 100% RH at 35°C 95% RH at 40°C |
| Shock | 20G for 11msec half sinewave, 3 axis both directions |

Outline Drawing

Unit: mm [inches]

Outline tolerance: ± 0.2 [0.008]