



D50102 1 – 2 GHz 5-Way Power Divider

FEATURES

- ❖ Low Insertion Loss
- ❖ Low VSWR
- ❖ High Isolation
- ❖ Excellent Amplitude & Phase Tracking

SPECIFICATIONS

| 1 – 2 GHz 5-Way Power Divider | |
|-------------------------------|----------------------------------|
| Model Number | D50102 |
| Frequency Range | 1– 2 GHz |
| Insertion Loss | 0.5 dB Typ., 0.7 dB Max. |
| Isolation | 24 dB Typ., 22 dB Min. |
| Input VSWR | 1.20:1 Typ., 1.30:1 Max. |
| Output VSWR | 1.20:1 Typ., 1.30:1 Max. |
| Amplitude Balance | 0.1 dB rms Typ., 0.2 dB rms Max. |
| Phase Balance | 2° rms Typ., 4° rms Max. |
| Power Handling As Divider | 50 W CW |
| Connector Type | SMA Female |
| Operating Temperature | -55 °C To +125 °C |

Note 1. Special requirement for small size and light weight unit available on request.

Note 2. Insertion loss refers to the sum of output power to the input power

Note 3. Amplitude and phase balance are RMS value of all the paths at any frequency

Note 4. Power handling is under the condition that all outputs are connected to the loads with 1.25:1 or better VSWR

