

FEATURES :

- *Ultra-wide Bandwidth*
- *Low Insertion Loss*
- *Tight phase and amplitude balance*

SPECIFICATIONS

| | |
|--|---------------------|
| Frequency Range, [MHz] | 100 - 1000 |
| Insertion Loss, typ/max [dB] (above 3dB Split Loss) | 0.9 / 1.0 |
| Isolation, min [dB] | 22 |
| Amplitude Balance, typ/max [dB] | $\pm 0.2 / \pm 0.3$ |
| Phase Balance, typ/max [degrees] | $\pm 2 / \pm 3$ |
| VSWR | 1.5 : 1 |

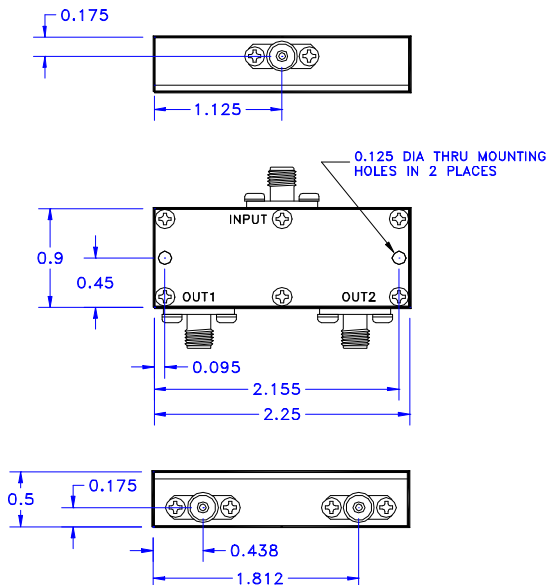
Operating Characteristics

| | |
|---|----------------|
| Input Power, max. [mW] with matched loads | 1000 |
| Impedance, [Ohm] | 50 |
| Operating Temperature | -20°C to +70°C |

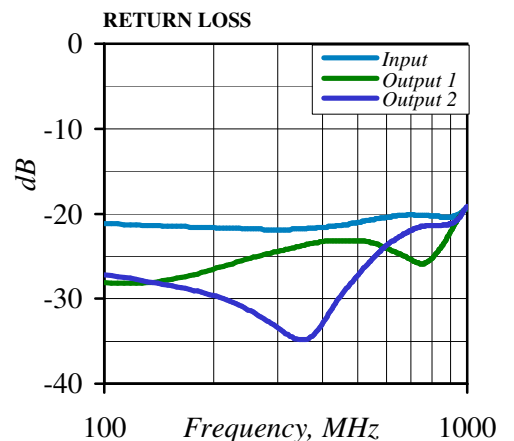
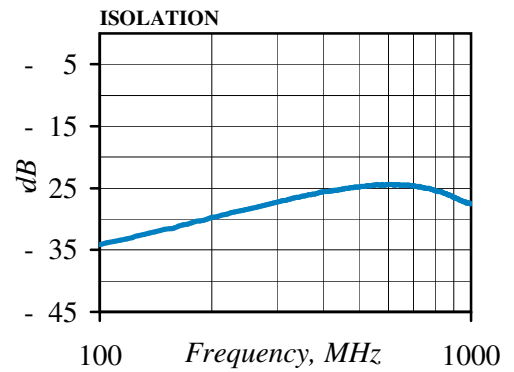
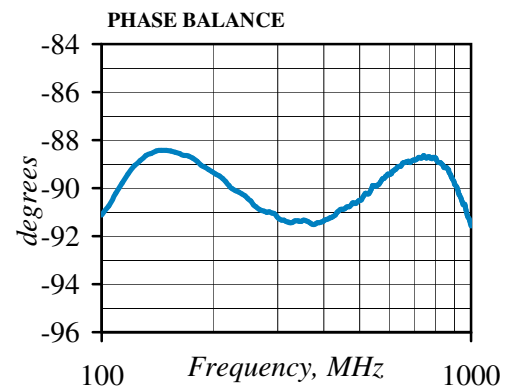
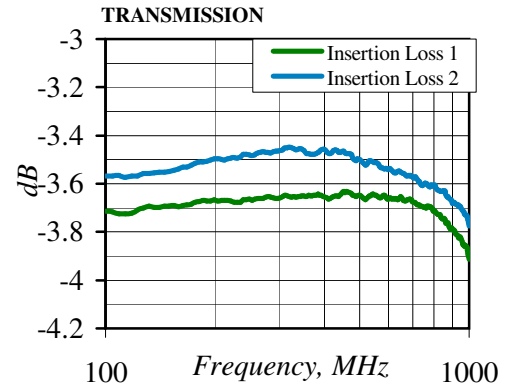
Ordering Information

| Model No. | Package |
|-------------------|---------|
| HYB100-1000-4-SMA | A1 |
| HYB100-1000-4-SMA | A2 |
| HYB100-1000-4-N | A3 |

Outline drawing(A1) dimensions in inches



Typical Performance



Specifications Subject To Change Without Notice