

FEATURES :

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

SPECIFICATIONS

Frequency Range, [MHz]	10 - 500
Insertion Loss, typ/max [dB] (above 3dB Split Loss)	0.9 / 1.0
Isolation, min [dB]	25
Amplitude Balance, typ/max [dB]	$\pm 0.25 / \pm 0.3$
Phase Balance, typ/max [degrees]	$\pm 1.5 / \pm 2$
VSWR	1.5 : 1

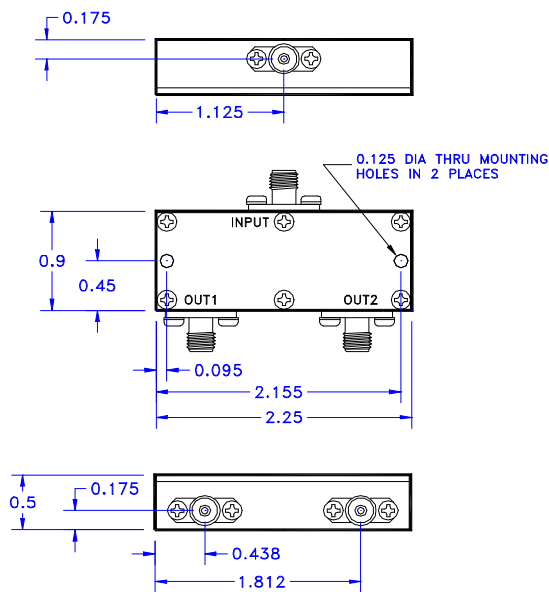
Operating Characteristics

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

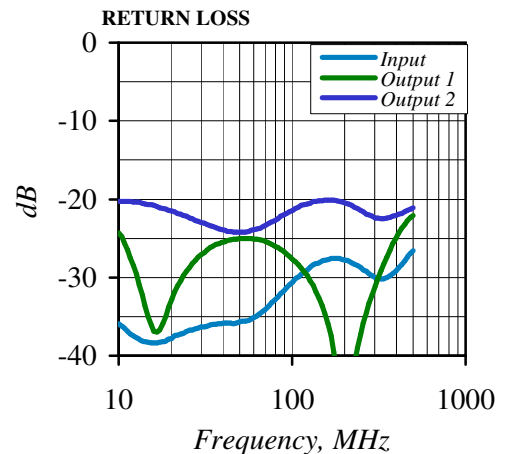
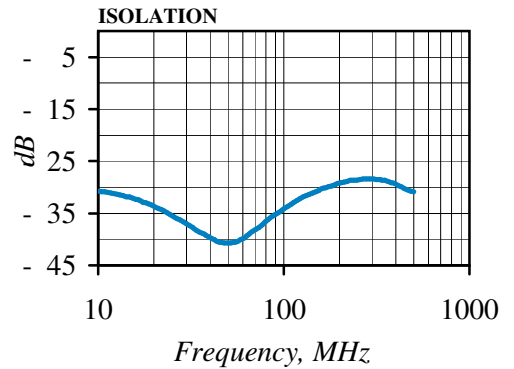
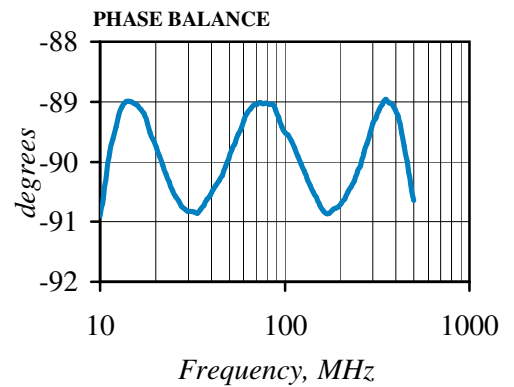
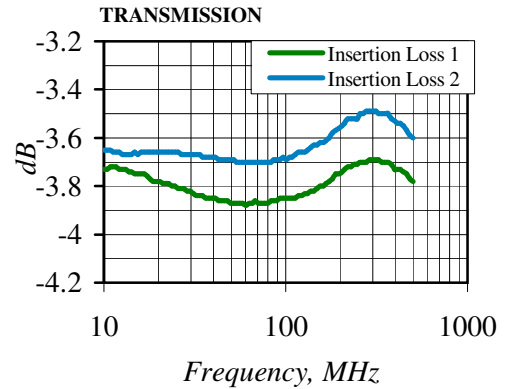
Ordering Information

Model No.	Package
HYB10-500-6-SMA	A1
HYB10-500-6-SMA	A2
HYB10-500-6-N	A3

Outline drawing(A1) dimensions in inches



Typical Performance



Specifications Subject To Change Without Notice