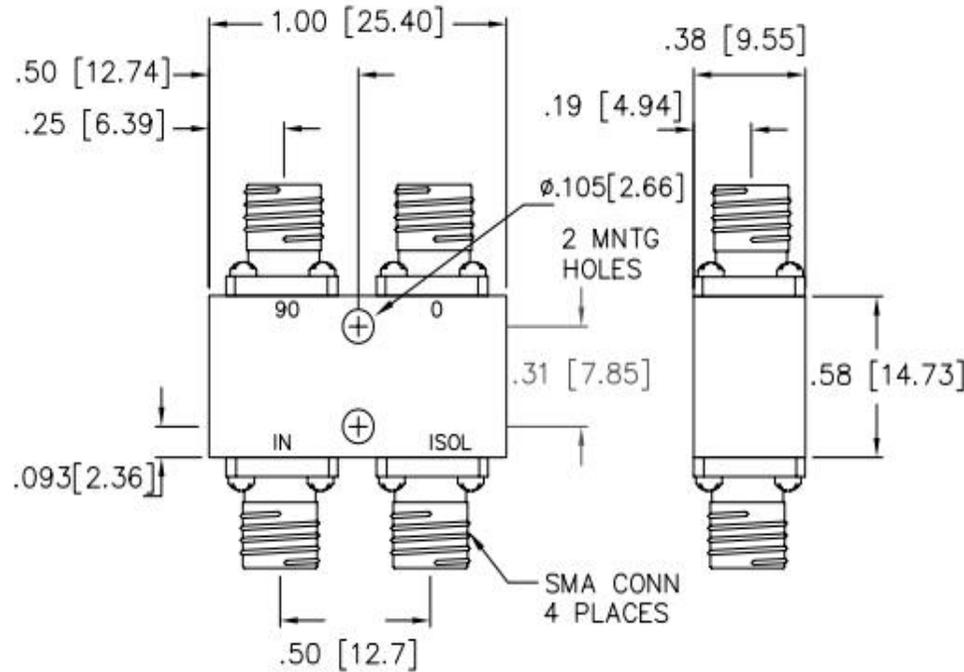


HB-4G8G-90-S is a $3.3\pm 0.3\text{dB}$ 90 degree hybrids Coupler, designed to operate over the 4 to 8 GHz frequency range, with compact size. This model is designed to handle 100W max input power, and high isolation of 18dB, good amplitude balance and phase balance, and low VSWR of 1.25 max.

Mechanical Outline(Inch/mm):



Specifications:

Coupling:	3.3±0.3dB
Frequency:	4 to 8 GHz
Isolation:	18dB min
Amplitude balance:	1.4dB max
Phase balance:	4.0deg max
Power Handling:	100W max
VSWR:	1.25:1 max
Connectors:	SMA Female

Environmental Ratings:

Temperature:	-25°C to +71 °C Operating -65 °C to +100 °C Non-Operating
Vibration:	MIL-STD-202F, Method 204D Cond. B
Altitude:	MIL-STD-202F, Method 105C Cond. B
Temperature Cycle:	MIL-STD-202F, Method 107D Cond. A

90 Degree Hybrid Couplers HB-4G8G-90-S			
DRAWN:	DWG NO.:	REV CODE: Rev.1.0	 www.connphy.com sales@connphy.com
CHECKRD:	DATE: 02/09/15	SHEET : 1 OF 1	
ISSUED:	SIZE: A	SCALE : N / A	
Notes: SPEC ARE SUBJECT TO CHANGE WITHOUT NOTICE.			