

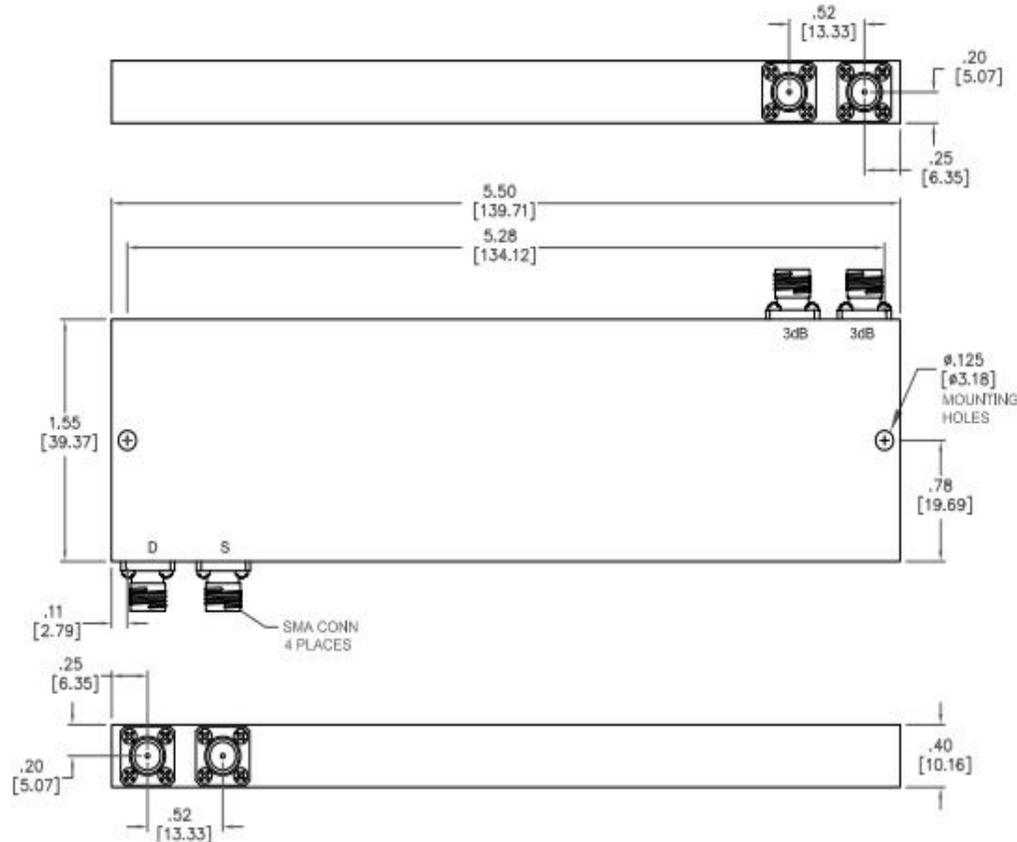
HB-1G12.4G-180-S is a 180 degree hybrids Coupler , designed to operate over the 1 to 12.4 GHz frequency range, with compact size.

Main Features:

Low insertion loss of 3.0dB max;
 Designed to handle 20W max;

High isolation of 18dB min;
 Low VSWR of 1.6 max

Mechanical Outline(Inch/mm):



Specifications:

Frequency: 1 to 12.4 GHz
 Insertion loss: 3.0dB max
 Isolation: 18dB min
 Amplitude balance: 0.8dB max
 Phase balance: 8deg max
 Power Handling: 20W max
 VSWR: 1.60:1 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

180 Degree Hybrid Couplers HB-1G12.4G-180-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.