

HB-1G4G-180-S is a 180 degree hybrids Coupler , designed to operate over the 1 to 4 GHz frequency range, with compact size.

Main Features:

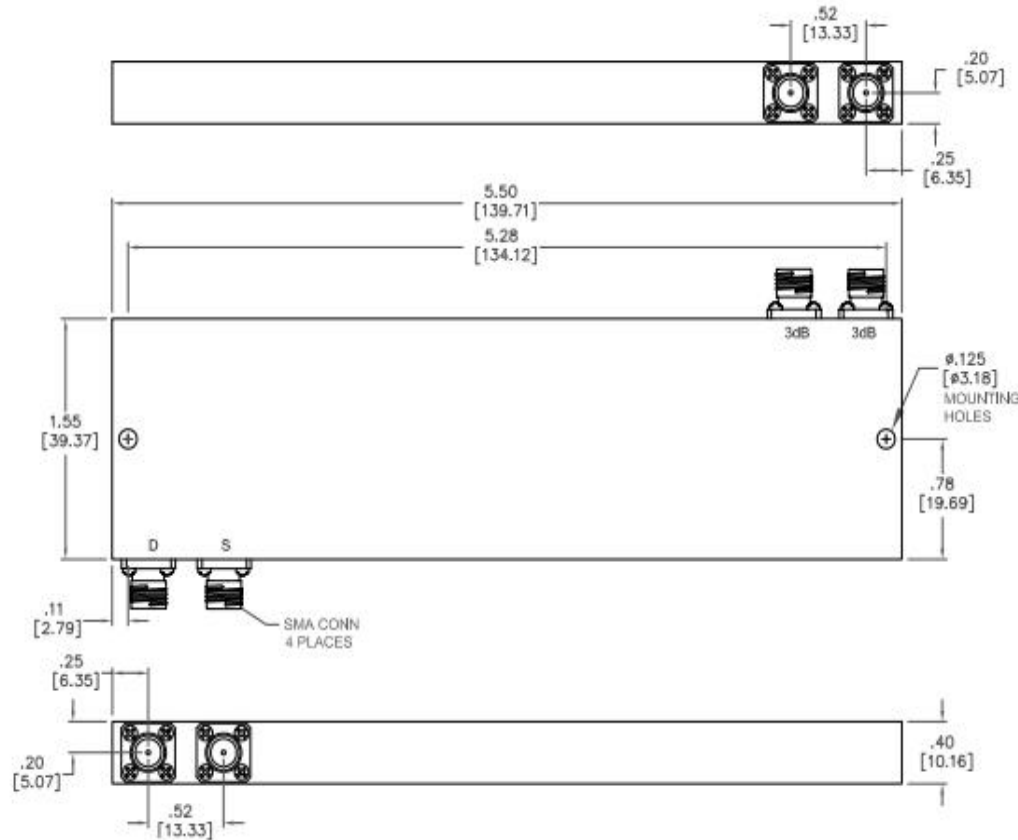
Low insertion loss of 1.8dB max;

High isolation of 20dB min;

Designed to handle 20W max;

Low VSWR of 1.5 max

Mechanical Outline(Inch/mm):



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

Specifications:

Frequency: 1 to 4 GHz

Insertion loss: 1.8dB max

Isolation: 20dB min


Amplitude balance: 0.5dB max

Phase balance: 6deg max

Power Handling: 20W max

VSWR: 1.50:1 max

Connectors: SMA Female

180 Degree Hybrid Couplers HB-1G4G-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.