

**HB-1G18G-180-S** is a 180 degree hybrids Coupler , designed to operate over the 1 to 18 GHz frequency range, with compact size.

Main Features:

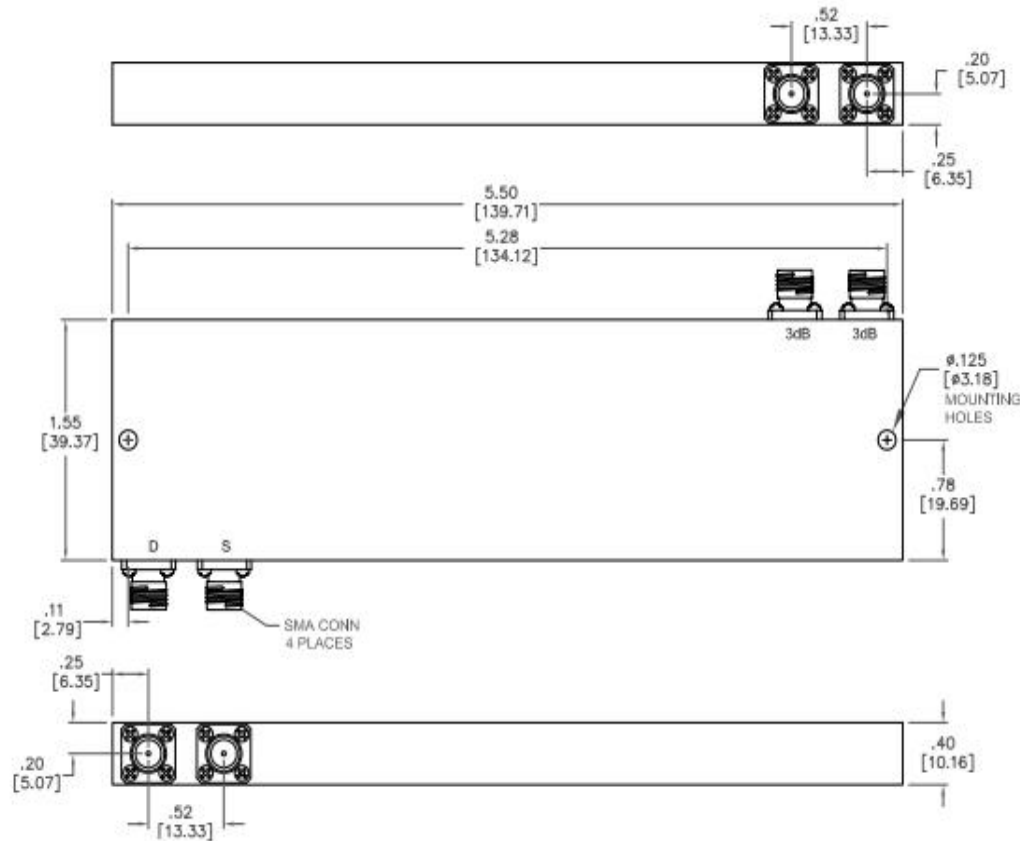
Low insertion loss of 3.5dB max;

High isolation of 17dB min;

Designed to handle 20W max;

Low VSWR of 1.7 max

### Mechanical Outline(Inch/mm):




### Specifications:

Frequency:	1 to 18 GHz
Insertion loss:	3.5dB max
Isolation:	17dB min
Amplitude balance:	1.0dB max
Phase balance:	10deg max
Power Handling:	20W max
VSWR:	1.70:1 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-1G18G-180-S

DRAWN:	DWG NO.:	REV CODE: Rev.1.0	 <a href="http://www.connphy.com">www.connphy.com</a> <a href="mailto:sales@connphy.com">sales@connphy.com</a>
CHECKRD:	DATE: 02/09/15	SHEET : 1 OF 1	
ISSUED:	SIZE: A	SCALE : N / A	
			Notes: SPEC ARE SUBJECT TO CHANGE WITHOUT NOTICE.