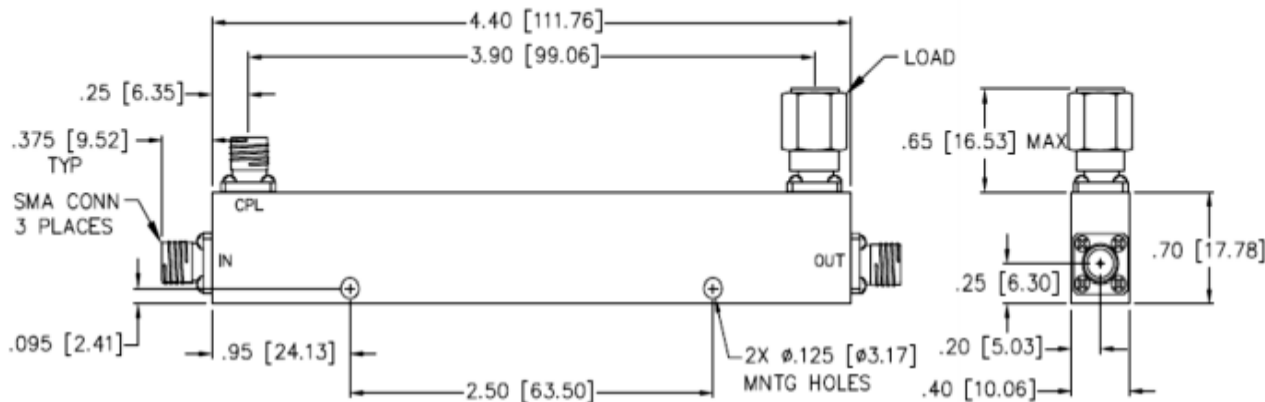


DC-0.5G18G-10-S is a $10\pm 1\text{dB}$ coupling directional coupler, designed to operate over the 0.5-18.0GHz frequency range, with compact size. This model is designed to handle 10W mx input power, and also performs with low insertion loss of 1.4dB max and with coupling flatness of $\pm 1.0\text{dB}$ max, and low VSWR of 1.5 max.

Mechanical Outline(Inch/mm):




Specifications:

Coupling:	$10\pm 1\text{dB}$
Frequency:	0.5-18.0GHz
Insertion Loss:	1.4dB max
Coupling flatness:	$\pm 1.0\text{dB}$ max
Directivity:	12dB min
Power Handling:	25W max
VSWR:	1.5:1 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

Directional Coupler DC-0.5G18G-10-S			
DRAWN:	DWG NO.:	REV CODE: Rev.1.0	 www.connphy.com sales@connphy.com
CHECKRD:	DATE: 18/04/15	SHEET : 1 OF 1	
ISSUED:	SIZE: A	SCALE : N / A	
			Notes: SPEC ARE SUBJECT TO CHANGE WITHOUT NOTICE.