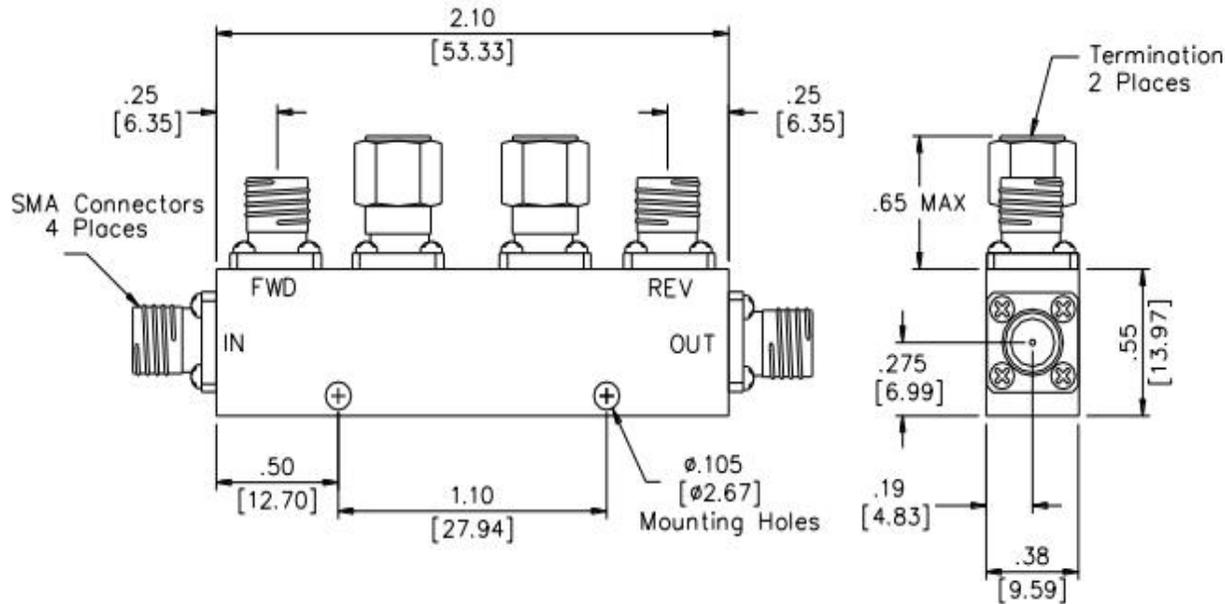


DDC-8G12.4G-10-S is a $10\pm 1.2\text{dB}$ coupling Dual Directional Coupler, designed to operate over the 8.0 to 12.4 GHz frequency range, with compact size. This model is designed to handle 10W mx input power, and also performs with low insertion loss of 0.8dB max and with coupling flatness of $\pm 0.6\text{dB}$ max, and low VSWR of 1.35 max.

Mechanical Outline(Inch/mm):



Specifications:

Coupling:	10±1.2dB
Frequency:	8.0 to 12.4 GHz
Insertion Loss:	0.8dB max
Coupling flatness:	±0.6dB max
Directivity:	16dB min
Power Handling:	10W max
VSWR:	1.35:1 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

Dual Directional Coupler DDC-8G12.4G-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.