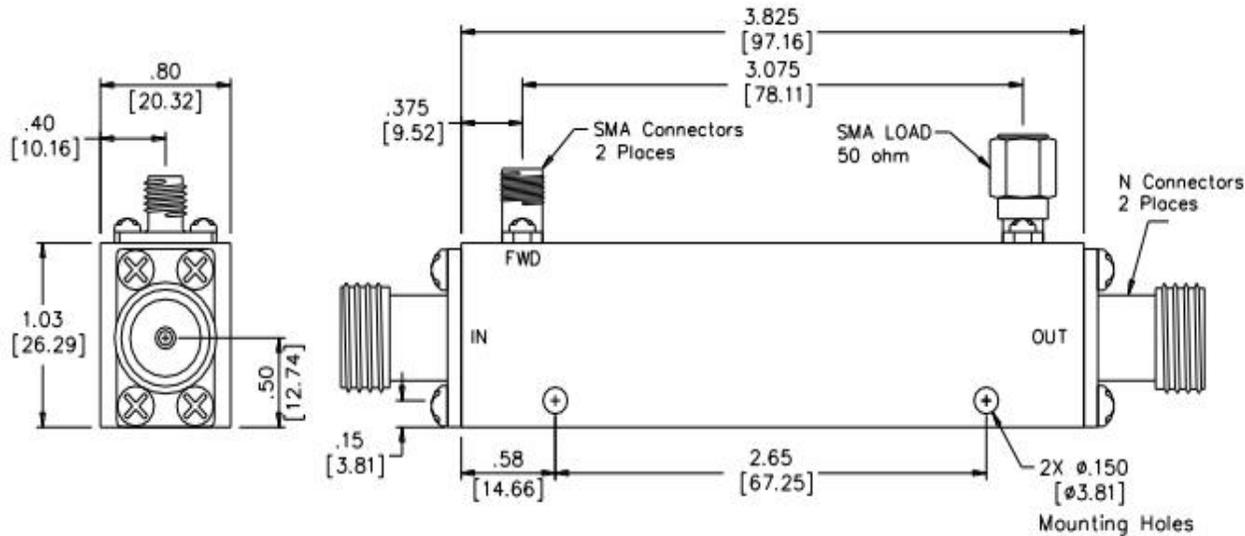


**DCHP-1G8G-35-N** is a  $35\pm 1\text{dB}$  coupling high power directional coupler, designed to operate over the 1.0-8.0GHz frequency range, with compact size. This model is designed to handle 500W max input power, and also performs with low insertion loss of 0.25dB max and with coupling flatness of  $\pm 1.0\text{dB}$  max, and low VSWR of 1.4 max.

### Mechanical Outline(Inch/mm):



### Specifications:

Coupling:	35±1dB
Frequency:	1.0-8.0GHz
Insertion Loss:	0.25dB max
Coupling flatness:	±1.0dB max
Directivity:	15dB min
Power Handling:	500W max
VSWR:	1.4:1 max
Connectors:	N-F(SMA for port coupling)

### 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

High Power Directional Coupler DCHP-1G8G-35-N			
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: 18/04/15	SHEET : 1 OF 1	
ISSUED:	SIZE: A	SCALE : N / A	Notes: SPEC ARE SUBJECT TO CHANGE WITHOUT NOTICE.