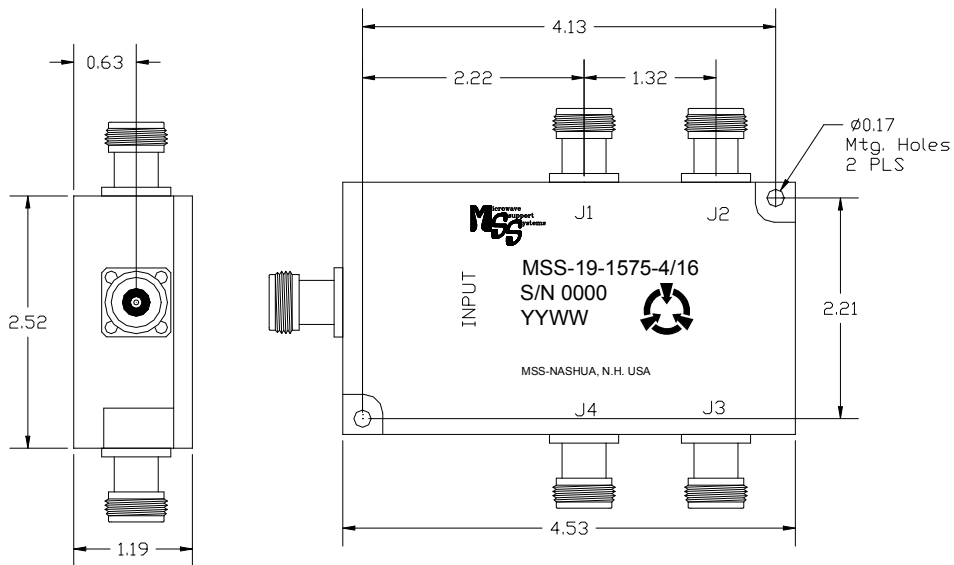




1575 MHz Distribution Amplifier

MSS-19-1575-4/16

The MSS-19-1575-4/16 GPS Distribution Amplifier combines a high gain Low Noise Amplifier and a high isolation 4-way power divider to cover the GPS L1 Band (1575.42MHz). The amplifier is designed to compensate for the loss of the power divider, plus provide a net gain of 16dB to each of the four outputs. DC is applied to any one of the output connectors and is passed through to the antenna input port.



Performance @ 25°C

	Minimum	Typical	Maximum
Frequency (L1), MHz	1575.42 MHz +/- 20 MHz		
Gain, dB (at each output)	-	16± 1dB	16±2dB
Noise Figure, dB	-	2.0	3.0
VSWR (50 ohms)	-	1.5:1	2.0:1
Isolation	40 dB	50 dB	-
Input 1dB GCP, dBm	-15	-	-
DC Voltage (Ports J1 - J4)	+5.0	-	+8
DC Operating Current, mA	-	140	160
Max. Input Current mA	-	-	500
Operating Temperature	0°	-	+55°C
Storage Temperature	-40°	-	+85°C
RF Connectors	TYPE "N" Female		
Size, inches	4.53" x 2.52" x 1.19"		