

High Power Dual Directional Couplers

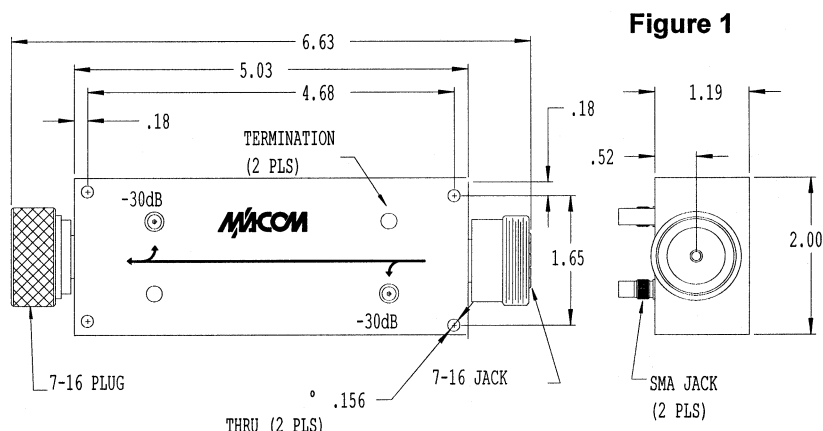
824 – 960 MHz, 30 dB

CH20 Series

V2.00

Features

- Ultra Low Loss
- Integral Lightning Protection
- Accurate Coupling
- High Directivity
- Low VSWR
- High Power Handling
- Low Intermodulation Products
- Complete PCS Transmit/Receive Band Coverage



Description

M/A-COM's CH20 Series of Low Loss, High Power Dual Directional Couplers is designed to provide highly accurate power samplings of both transmitted and reflected power. The appropriate plating and the absence of any ferrous material in the circuitry assures low intermodulation products. Air-line construction yields the lowest possible insertion loss and VSWR, allowing dual-directional monitoring without sacrificing performance.

Ordering Information and Typical Specifications 824-960 MHz, 30 dB Coupling

Part Number	Figure	Coupling Flatness (dB) Max	Directivity (dB) min	Input Power (Watts) Max	VSWR Mainline	VSWR Coupled Line	Insertion Loss	Operating Temp °C
CH20-0053-30	1	.25	25	600	1.20:1	1.20:1	.15	-30 - +70
CH20-0054-30N	2	.25	25	600	1.15:1	1.15:1	.1	-30 - +70

If continuous power monitoring is necessary, these devices can be supplied without the removable 50 Ohm terminations on the SMA sample ports.

Please consult our factory for more information.

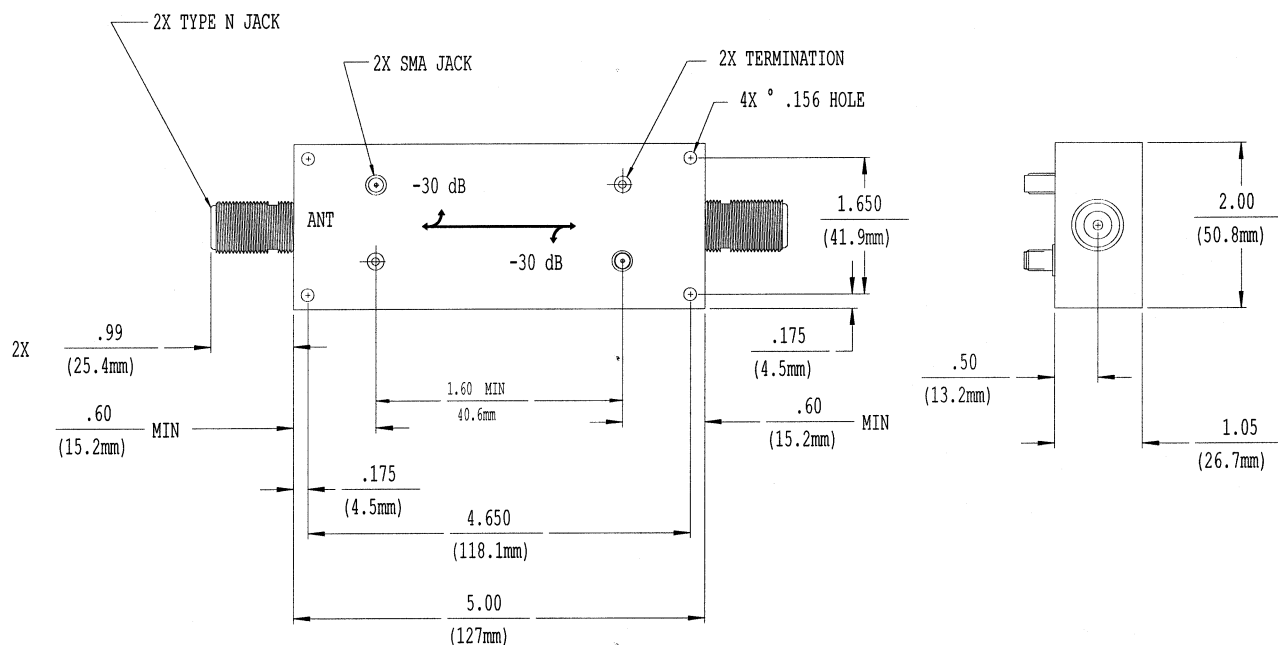


Figure 2