40 dB

8.6 Frequency (GHz) 9.5

8.6 Frequency (GHz) 9.5

80 dB

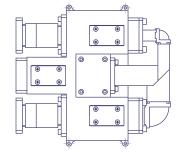
8.6 Frequency (GHz) 9.5

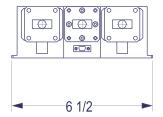
Compact High Isolation Waveguide Switch

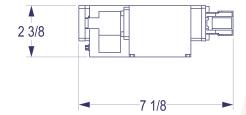
PARAMETER	VALUE
Frequency	X-Band
Isolation (dB)	>50
Insertion Loss, Peak (dB)	<1.2
Return Loss (dB)	>16.0
Peak RF Power (Kilowatts)	50
Average RF Power (Watts)	200
Switching Time (Microseconds)	25
Size (Inches)	6 1/2 x 7 1/8 x 2 3/8
Weight (Pounds)	4
Operating Temperature Range (Degrees C	-30 to 60

Outline Drawing

DIMENSIONS IN INCHES







Sample of programs supported by MAG as OEM:

APQ-164 B-1B ORS APQ-181 B-2 APS-143 CP-140 Imaging APY-1/2 E-3 AWACS AR320 3D Air Defense ARTS-V1 / CLPS ARTS-V2 ASARS-2 Synthetic Aperture ARSR-4 FAA Long Range **ASTOR** DWSR-2501C Doppler Weather Global Hawk Synthetic Aperture I-15/23 Reflectarray I-30 Simulator MPN-14K Landing Control PAAS Test Range Princeton Plasma Physics Laboratory RAC 3D Air Defense Skyshield 35 Air Defense Smart-L 3D Air Defense SPN-35C Approach Control SPQ-9B Surveillance / Tracking TPAAS Test Range TRS-3D Multimode TRS22XX 3D Air Defense

MAG DMSMS program support:

MPQ-64 Sentinel SHORAD APY-1/2 E-3 AWACS BMEWS / PAVE PAWS HAWK SPN-35C Approach Control MSQ-T43 MTE System

ZPQ-1 Predator TESAR

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