

Product Specification

RFMS-2X8X8-SS 8 Channel Matrix with Probe Port

The Matrix consists of 8 through channels with the ability to divert any one channel through an ancillary port. The Matrix features solid state transistor switching, 1 Watt RF power capability per port and operates from VHF through 6 GHz.

Electrical Specifications

Frequency Range	30 MHz to 6 GHz
Insertion Loss ports 1 to 8, no probe	3.7 dB max (3GHz) 6.0 dB max (6GHz)
Insertion Loss ports 1 to 8, thru probe ports	7.2 dB max (3GHz) 11.2 dB max (6GHz)
Isolation between ports	30dB min
VSWR	2:1 max
RF Power per channel	1 W max
Switching Speed	2 usec max
Return Loss	10 dB min
Impedance	50 Ω
RF Input / Output Connectors	N-Female
Power Input	115/230 VAC 50/60Hz
Control	TTL over 15 pin female D-SUB connector
Operating Temperature	0° C to +50° C
Size	2U, 19" rack mount enclosure

Block Diagram

