

XRM 2250 Series

Modular Hot Swap L band Matrix Switching Systems



System Specifications:

Operating Range:	800-2250 MHz
Configurations:	4x4 up to 512x512 (32x32 in 6 RU)
Switch Modularity:	x4 I/O Inputs or Outputs
Impedance:	75 Ω (50 Ω optional)
Insertion Loss:	0 \pm 2 dB
Flatness:	\pm 2 dB
Return Loss:	15 dB
Isolation (input-to-input):	60 dB typ., 50 dB min.
Isolation (output-to-output):	60 dB typ., 50 dB min.
Isolation (input-to-output different input):	60 dB typ., 50 dB min.
Input P1dB:	-10 dBm min.
Normal Operating Input Power Level:	-20 dBm
Noise Figure:	12 dB max.
RF Connectors:	Type "F", 75 Ω (BNC, SMA, or N optional)
AC Input Power:	90 to 264 VAC, 47 to 63 Hz
Power Consumption:	190 W
Local Control:	Front panel keypad with LCD display
PC Remote Control:	RS-232, RS-422/485, IEEE 488 (GPIB), SNMP or TCP/IP 10 base-T (100 base-T optional) via customer-supplied PC
Mechanical:	6 RU (10.5" H x 19" W x 20" D)
Software:	Basic IBM-compatible operating software and system protocol included with system
Available Sizes:	Any configuration up to and including 512 inputs x 512 outputs. Larger matrices are available upon request.