

XRM 2250

XRM225032X32CAFFF000

Modular Hot-Swap Matrix Switching System

General Description:

The **XRM225032X32CAFFF000** is a matrix switch and switching subsystem that provides a complete 32x32 matrix, including hot-swappable cards, redundant power supplies, and system controller in a 6 RU chassis. The modularity of the XRM225032X32CAFFF000 permits a wide variety of configurations ranging from 32x32 up to 512x512. The unit provides easy access to cards for seamless upgrades and maintenance via the front panel without requiring cables to be disconnected or disrupting the signal paths of other cards in the system.

Specifications:

Operating Frequency:	950-2150 MHz
Configurations:	32 inputs / 32 outputs
Impedance:	75 Ω
Insertion Loss:	0 \pm 2 dB
Frequency Response:	\pm 3 dB
Isolation:	
<input-to-input):< td=""><td>60 dB typical, 50 dB min.</td></input-to-input):<>	60 dB typical, 50 dB min.
(output-to-output):	60 dB typical, 50 dB min.
<input-to-output, different="" input):<="" td=""><td>50 dB typical, 40 dB min.</td></input-to-output,>	50 dB typical, 40 dB min.
Input P1dB:	0 dBm ¹
Normal Operating Input Power Level:	-50 dBm to -10 dBm
Noise Figure:	17 dB max. ¹
Return Loss:	>14 dB
RF Connectors:	Type F, 75 Ω
Power Requirements:	90 to 264 V~, 47 to 63 Hz
Power Consumption:	200 W
Local Control:	Front panel keypad with LCD display
PC Remote Control:	RS-232, RS-422/485, SNMP, TELNET or TCP/IP via customer-supplied PC
Software:	Basic PC-compatible operating software and system protocol included with system
Mechanical:	6 RU (10.5" H x 19" W x 22.5" D) including rear handles
Weight:	60.5 lbs.



¹ Measured at mid-band



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