

SRR 1000 RF Routing Switch (5-1000 MHz)



General Description:

The **SRR 1000** is a unidirectional, programmable RF switch that provides signal routing capability for broadband cable frequencies (5-1000 MHz). It is available in configurations of 1x8, 8x1, 1x16, or 16x1. Controllable either locally via the front panel keypad or remotely through a computer interface, the SRR 1000 greatly enhances system reliability by eliminating patch panels and repetitive mechanical connections. The design of the rear panel facilitates structured cable routing, thereby eliminating confusing tangles and bundles of cables.

Specifications:

Frequency:	5-1000 MHz
Impedance:	75 Ω
Max. Total Operating Input Power:	+8 dBm (16x1, 8x1) 0 dBm (1x16, 1x8)
Insertion Loss:	0 \pm 2 dB
Frequency Response:	\pm 2 dB
Isolation:	50 dB
Return Loss:	12 dB
Inputs/Outputs:	1x8, 8x1, 1x16, or 16x1
RF Connectors:	Type "F", 75 Ω (BNC, SMA optional)
Power Consumption:	5W
Power Requirements:	100-240 VAC, 60/50 Hz
Local Control:	Front panel keypad with LCD display
Computer Control:	RS-232, RS422/485, or TCP/IP via customer-supplied PC
Mechanical:	1 RU (1.75"H x 19"W x 18"D)
Software:	Basic IBM-compatible operating software and system protocol included with system



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