SRM 200 Series Modular RF Matrix Switching System Specifications

	70 MHz	140 MHz	200 MHz
Frequency:	70 ± 20 MHz	140 ± 40 MHz	5-200 MHz
Insertion Loss:	0 ± 0.5 dB	0 ± 0.5 dB	0 ± 1.5 dB
Impedance:	75 Ω (50 Ω opt.)	75 Ω (50 Ω opt.)	75 Ω (50 Ω opt.)
P1dB:	+5 dBm	+5 dBm	+5 dBm
Frequency Response:	± 1 dB	± 1 dB	± 1 dB
Isolation (input-to-input):	60 dB	60 dB	60 dB
Isolation (output-to-output):	60 dB	60 dB	60 dB
Isolation (input-to-output):	65 dB	65 dB	65 dB
Return Loss:	14 dB	14 dB	14 dB
Control Response Time:	1.26 msec.	1.26 msec.	1.26 msec.
Switching Speed:	40 nsec.	40 nsec.	40 nsec.
RF Connectors:	Type "F", 75 Ω (BNC, SMA, or N optional)		
Power Requirements:	100-240 VAC, 50/60 Hz. Dual AC inputs and dual internal PSUs for redundancy.		
Local Control:	Front panel keypad with LCD display		
PC Remote Control:	RS-232, RS-422/485, IEEE 488 (GPIB), or TCP/IP 10 BaseT via customer-supplied PC, SNMP, TELNET		
Inter-Module Control Data:	Synchronous serial		
Mechanical:	3 RU (5.25" 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 256 x 256 outputs		

SRM 1000 Series Modular RF Matrix Switching System (5-1000MHz) Specifications

Frequency:	5-1000 MHz
Impedance:	75 Ω
Max. Total Operating Input Power:	0 dBm
Insertion Loss:	0 ± 2 dB
Frequency Response:	±3 dB
Isolation (input-to-output):	>45 dB
Isolation (output-to-output):	>55 dB
Isolation (input-to-output):	>50 dB
RF Connectors:	Type “F”, 75 Ω (BNC, SMA, or N optional)
Power Requirements:	100-240 VAC, 50/6. Hz. Dual AC inputs and dual internal PSUs for redundancy.
Power Consumption:	Controller-UCM 10W Input Distribution Module-SRD 45W Matrix Switch Module-SRM 130W Output Switch Module-SRO 45W
Local Control:	Front panel keypad with LCD display
PC Remote Control:	RS-232, RS-422/485, or ETHERNET via customer-supplied PC
Inter-Module Control Data:	Synchronous serial
Mechanical:	3 RU (5.25”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 256 x 256 outputs

SRM 2150 Series Modular RF Matrix Switching System (950-2150MHz) Specifications

Frequency:	950-2150 MHz
Impedance:	75 Ω
P1dB:	-7 dBm
Insertion Loss:	0 ± dB
Frequency Response:	±3 dB
Isolation (input-to-input):	≥ 45 dB
Isolation (output-to-output):	≥ 45 dB
Isolation (input-to-output):	>40 dB
Return Loss:	>10 dB
Noise Figure:	15 dB
RF Connectors:	Type “F”, 75 Ω (BNC, SMA, or N optional)
Power Requirement:	100-240 VAC, 50/60Hz. Dual AC inputs and dual internal PSUs for redundancy.
Power Consumption:	Controller-UCM 10W Input Distribution Module-SRD 13W Matrix Switch Module-SRM 39W Output Switch Module-SRO 24W
Local Control:	Front panel keypad with LCD Displey
PC Remote Control:	RS-232, RS-422/485, or ETHERNET via customer-supplied PC
Inter-Module Control Data:	Synchronous serial
Mechanical:	3 RU (5.25”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 256 x 256 outputs