

	SRM SERIES							MRF SERIES			QFM SERIES		SFM SERIES	
Product Model	XRM	QE3	QRM	SRM 2150	SRM 1000	SRM 0200	SRM 1000(P)	MRF 2150	MRF 1000	MRF 200			SFM 0200	SFM 2150
Physical Characteristics														
Operating Frequency	950 -2150 MHz	50-2150 MHz	50-2150 MHz	950-2150 MHz	5-1000 MHz	5-200 MHz	5-1000 MHz	950-2150 MHz	5-1000 MHz	5-200 MHz	50-1000 MHz	950-2500 MHz	5-200 MHz	950-2150 MHz
System Architecture	3-Stage	Single Stage	Single Stage	Single Stage	Single Stage	Single Stage	Single Stage	Single Stage	Single Stage	Single Stage			Single Stage	Single Stage
Matrix Size	Basic 32x32 in 6RU	Basic 64x64 in 6RU	Basic 16x16 in 1RU	Basic 16x16 in 3RU	Basic 16x16 in 3RU	Basic 16x16 in 3RU	Basic 16x16 in 3RU	1 or 2RU configuration dependent	1 or 2RU configuration dependent	1 or 2RU configuration dependent	Basic 16X16 in 1 RU	Basic 16X16 in 1 RU	Basic 16x16 in 3RU	Basic 16x16 in 3RU
Max System Configuration	512x512 Max	1024 x 1024 Max	32X32 Max	256x256 Max	256x256 Max	256x256 Max	256x256 Max	12x4 Max	12x4 Max	12x4 Max	32X32 Max	32X32 Max	64x64 Max	64x64 Max
Impedance - 50 or 75 Ohms	√	√	√	√	√	√	√	√	√	√	√	√	√	√
Connectors - F, BNC, SMA	√	√	√	√	√	√	√	√	√	√	√	√	√	√
Non-Blocking - Full Fan-Out	√	√	√	√	√	√	√	√	√	√	X	X	X	X
Non-Blocking - Full Fan- In	X	X	X	X	X	X	X	X	X	X	√	√	√	√
Features														
Hot Swap Switching Cards	√	√	X	X	X	X	X	X	X	X	X	X	X	X
Hot Swap Power Supplies	√	√	X	X	X	X	X	X	X	X	X	X	X	X
Hot Swap Controller	√	Redundant control card	X	X	X	X	X	X	X	X	X	X	X	X
AGC	X	√	√	X	X	X	X	X	X	X	√	√	X	X
Gain/Attenuation	√	√	√	X	X	X	X	X	X	X	√	√	X	X
RF Signal Level Monitoring	√	√	√	X	X	X	X	X	X	X	√	√	X	X
RF Path Health Monitoring with re route	Auto Re-route	X	Q-Route	X	X	X	X	X	X	X	Q-Route	Q-Route	X	X
Communications														
Serial - RS232, 422 & 485	√	√	√	√	√	√	√	√	√	√	√	√	√	√
Ethernet - SNMP, Telnet, 10/100 BaseT	√	√	√	√	√	√	√	√	√	√	√	√	√	√
Control - GUI interface, Third Party M&C, Front Panel	√	√	√	√	√	√	√	√	√	√	√	√	√	√
Electrical														
AC Input (Auto ranging) 100-240VAC, 50/60 Hz	√	√	√	√	√	√	√	√	√	√	√	√	√	√

* All matrices are solid state switches

* SRM1000P is a bi-directional passive matrix, all others are unidirectional and active

* Matrices defined as 5-200 MHz are intended for IF applications

* Matrices defined as 5-1000 MHz are intended for cable distribution applications

* Matrices defined as 950-2150 MHz are intended for L-band applications and may be used in teleports or headend downlinks