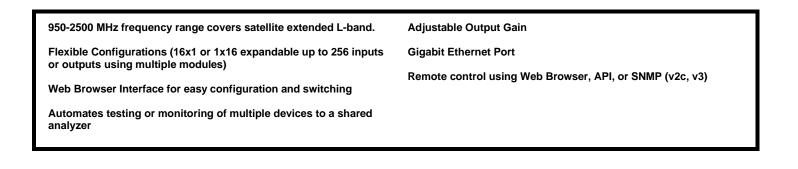
RFM

16 Port RF Routing Switch

RFM220016X1LS000 16x1 SMA(f)

The *RFM2200* is a routing switch that transparently routes many source or destination signals to a common port. Its compact design provides 16x1 ports in a 1RU chassis and can be cascaded using multiple modules to route up to 256 source ports to a common port. The *RFM2200* is used for centralized test and measurement applications and monitoring a large number of RF signals.





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COMPANY WITH QUALITY SYSTEM CERTIFIED BY DNV ISO 9001

RFM

16 Port RF Routing Switch

Specifications and Operating Conditions:

Base Configurations:	16x1 (standard), expandable up to 256x1
RF Connectors:	SMA(f)
Operating Frequency: (MHz)	950-2500 MHz
Frequency Response: Default Gain: typically Centered @ 0 dB	950-2150MHz: +/- 1.5 dB 950-2500MHz: +/- 2.5 dB
Any 36 MHz:	+/3 dB
Input P1dB:	
	5 dBm min
Noise Figure:	
	14 dB max
OIP3:	
Default Gain:	15 dBm min
Input Return Loss:	13 dB min
Output Return Loss:	14 dB min
Isolation:	
Input to Input:	50 dB min
Input to Output :	50 dB min
Gain Range:	-24.5 to 7 dB in .5 dB steps
Switching Speed:	150 mS per crosspoint typical * <2 uS from break to make
Maximum Input Power: (No Damage)	20 dBm (30 VDC max on any port)

Control:				
Local Control:				
Front Panel 2.2" LCD Display with Rotary Knob				
Remote Control:				
10/100/1000 Base Tx Ethernet Port				
SNMP	v2c, v3			
TCP/IP	Quintech 1.21/2.15 Protocol (Port 9100)			
Secure Web Server				
TELNET with option to disable				
XR Bus Expansion Standard				
NTP Time Client				

Alarms and Logging:
SNMP Traps on Status Change
SNMP Trap on Crosspoint Change
SysLog, SQL, or CSV Format Log File

Power and Cooling Requirements:		
AC Input Range:	100-240 VAC Auto-ranging 50/60 Hz 1A max	
Power Consumption:	9 W	

Physical:	
Dimensions:	1 RU (1.75" H x 19" W x 18.5" D)
Weight:	9 lbs.gross (boxed), 6 lbs. net

Environmental Parameters:		
Operating Temperature:	0 to 50° C	
Storage Temperature:	-10° C to 75°C	
Humidity:	20 % to 90% non-condensing	
Altitude:	10,000 feet AMSL	

* typical refers to expected product performance that is useful in application of the product but is not covered by the product warranty

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