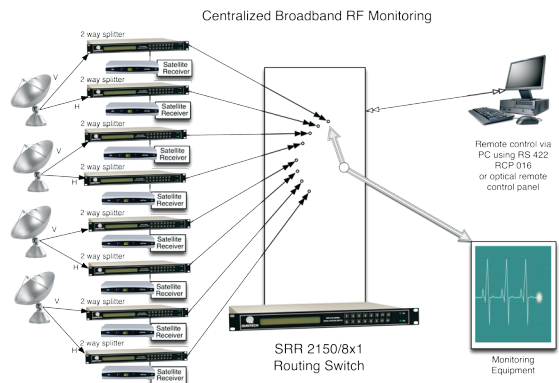


SRR & SRX Series

RF Routing Switches



SRR



General Description:

The **SRR** series modular (up to 128x1) RF routers are unidirectional, programmable RF routing switches. They are suitable for baseband, data, IF or RF switching environments and are used for centralized test and measurement applications in networks monitoring large numbers of RF signals. Quitech's RF routers are a fast and convenient method of identifying network problems from a single location.

Features & Benefits:

- **SRR & SRX** RF routers greatly enhance monitoring reliability by eliminating patch panels and repetitive mechanical connections
- Maximize use of existing equipment with automated switching and scheduling using external computer control
- **SRX** routers grow with your needs from 16x1 up to 128x1

Specifications:*	SRR2150	SRX1000	SRX2150	SRR1000	SRR0070
Operating Frequency:	950-2150 MHz	5-1000 MHz	950-2150 MHz	5-1000 MHz	70 ± 20 MHz
Configuration:	8x1, 1x8, 16x1, 1x16	16x1 up to 128x1 (16x1 modules)	16x1 up to 128x1 (16x1 modules)	8x1, 1x8, 16x1, 1x16	2x1
Impedance:	75 Ω or 50 Ω	75 Ω or 50 Ω	75 Ω or 50 Ω	75 Ω or 50 Ω	75 Ω or 50 Ω
P1dB:	+ 4.5 dBm	+9 dBm	+8 dBm	+10 dBm	+13 dBm
Insertion Loss:	0 dB ± 2 dB	0 dB ± 2 dB	0 dB ± 2 dB @ 1550 MHz	0 dB ± 1 dB @ 500 MHz	1 ± 1 dB
Frequency Response:	± 3.0 dB	± 2.0 dB	± 4 dB	± 1 dB	± 1 dB
Isolation:	45 dB	50 dB	40 dB	60 dB	60 dB
Input Return Loss:	13 dB	12 dB	12 dB	12 dB	19 dB
Output Return Loss:	11 dB	11 dB	10 dB	11 dB	25 dB
RF Connectors:	F-Type, BNC 75 Ω or 50 Ω	F-Type, BNC 75 Ω or 50 Ω	F-Type, BNC 75 Ω or 50 Ω	F-Type, BNC 75 Ω or 50 Ω	F-Type, BNC 75 Ω or 50 Ω
Power Requirements:	100-240 VAC, 60/50 Hz	100-240 VAC, 60/50 Hz	100-240 VAC, 60/50 Hz	100-240 VAC, 60/50 Hz	100-240 VAC, 60/50 Hz
Power Consumption:	11 W	5 W Per Box	5 W Per Box	5 W	11 W
Local Control:	Front Panel Keypad with LCD Display	Local and Remote via MCP 128/(8x1) Control Module	Local and Remote via MCP 128/(8x1) Control Module	Front Panel Keypad with LCD Display	Front Panel Keypad with LCD Display
Remote Control:	RS-232, RS422/485, or TCP/IP Via Customer Supplied PC	RS-232, RS422/485, or TCP/IP Via Customer Supplied PC	RS-232, RS422/485, or TCP/IP Via Customer Supplied PC	RS-232, RS422/485, or TCP/IP Via Customer Supplied PC	RS-232, RS422/485, or TCP/IP Via Customer Supplied PC
Control Module Connectors:	N/A	D-9 Female (control in), D-9 Female (control out) RJ45 (Ethernet)	D-9 Female (control in), D-9 Female (control out) RJ45 (Ethernet)	N/A	N/A
Expansion Module Connectors:	N/A	D-9 Female (control in), D-9 Female (control out)	D-9 Female (control in), D-9 Female (control out)	N/A	N/A
Mechanical:	1 RU: 1.75" H x 19" W x 18.5" D	1 RU: 1.75" H x 19" W x 18.5" D	1 RU: 1.75" H x 19" W x 18.5" D Per Module	1 RU: 1.75" H x 19" W x 18.5" D Per Module	1 RU: 1.75" H x 19" W x 18.5" D

*Specifications may vary with connector type. See individual specification sheet for specific performance data.