

SRB 2000 Bi-Directional RF Matrix Switch for Wireless (AMPS/PCS)



General Description:

Based on Quintech's SRM series of modular RF switching systems, the SRB 2000 was developed specifically for deployment in advanced AMPS/PCS wireless systems. The SRB 2000 is capable of routing any RF signal between 800 and 2170 MHz simultaneously and bi-directionally (full duplex). This allows any number of 16A ports to be routed to any number of 16B ports, and vice versa. The system is controllable either locally via the front panel keypad or remotely via the RS-232 computer interface. The rear panel design facilitates structured cable routing, thereby eliminating confusing tangles and bundles of cables.

Specifications:

Frequency:	820-960 MHz (AMPS) and 1900-2170 MHz (PCS)
Impedance:	50 Ω
Max. Total Operating Input Power:	-10 dBm/port
Insertion Loss:	33 dB
Frequency Response:	± 2 dB
Isolation:	65 dB
Return Loss:	> 11 dB
Input Ports:	16
Output Ports:	16
RF Connectors:	SMA, 50 Ω (BNC, N optional)
Power Requirements:	100-240 VAC, 60/50 Hz
Local Control:	Front panel keypad with LCD display
Remote Control:	RS-232 via customer-supplied PC (RS422/485, TCP/IP optional)
Mechanical:	6 RU (10.5" H x 19" W x 20" D)



Digisat International Inc.
4195 W. New Haven Ave., Suite 15
Melbourne, FL 32904
USA
+1-321-676-5250
Email: sales@digisat.org
<http://www.digisat.org>