



RRS11/RRS11L

Solid State Transfer Switches



HIGHLIGHTS

- ▶ Simple IF or L-Band Switching for DM240XR Modulators
- ▶ Easy Access to Connectors and LEDs
- ▶ Front Panel Monitor Ports

OVERVIEW

The RRS11 and RRS11L Solid-State Transfer Switch provide simple IF or L-Band switching for Radyne's DM240XR Modulators. The straightforward rack mount design allows the user to monitor all IF signals via the front panel. The DM240XR supplies power and switching logic to the RRS11/RRS11L. The design of the RRS11 is intended for use with video or data applications where simultaneous and redundant data paths are being switched in a chain switching environment.

SPECIFICATIONS

General Specifications

Configuration:	Modulator Only
Switch Time:	1 msec Maximum from Control Port Input
Rear Panel Ports	
L-Band:	SMA, 50 Ohms
IF:	BNC, 75 Ohms (Optional)
Return Loss	
L-Band:	14 dB
IF:	20 dB
Front Panel Monitor Ports	
L-Band:	BNC, 50 Ohms
IF:	BNC, 75 Ohms (Optional)
Primary Control Port:	DB-9 Male
Backup Control Port:	DB-9 Male
Status Port:	DB-9 Male

Power and Environmental

Prime Power:	No internal power supplies. Redundant power supplied from DM240XR via DB-9 Control Port
Operating Temperature:	0 to 50°C, 95% Humidity, Non-Condensing
Storage Temperature:	-20 to 70°C, 99% Humidity, Non-Condensing

Physical

Size:	19" W x 17" D x 1.75" H 48.3 x 43.2 x 4.45 (cm)
Weight:	8.0 Pounds (03.62 Kg)



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