

RRS11/RRS11L Solid State Transfer Switches

Modem Accessories



Overview

The RRS11 and RRS11L Solid-State Transfer Switches provide simple IF or L-Band switching for the DM240XR Modulators. The straight-forward 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.

Features

- Simple IF or L-Band switching for DM240XR Modulators
- Easy access to connectors and LEDs
- Front panel monitor ports

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 & 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

Dimensions (height x width x depth)	1.75" x 19" x 17" (4.45 x 48.3 x 43.2 cm)
Weight	8.0 lbs (03.62 kg)



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