



NEW•Product

Specifications

Signal Level Capabilities:

-3 to + 50 dBmV

MER Degradation:

< 3 dB Over the switch's range

Frequency Response:

< ± 1.5 dBmV

Bandwidth:

5 to 1000 MHz
(± 1 dB Over Each Channel)

Switch Isolation:

>40dB, 5 - 1000 MHz

Return Loss:

>15dB

Inputs Impedance:

75 ohm

Connectors:

16 "F" connectors

Power Requirement for External Power Supply:

90-240 VAC, 50/60 Hz

Physical:

19" W X 1.75" H X 6" D

Weight: 4 lbs.

16x1 Matrix | Relay Panel

model

R184

Features

- All connections made at Rear Panel
- 'F' connectors
- Excellent Isolation and Return Loss
- Buffer Amplifier for Flat Response
- RS485 control allows operation of multiple units with one PC
- Windows based software supplied for control
- Switches may be manually switched from the front panel or the PC, or automatically scan each switch



Description

The Model R-184 16x1 Relay Panel, is designed to allow remote switching of signals, via PC based software. Local switching may also be done from the 16 position rotary switch on the front panel. Signals may be any RF type, from 5 to 1000 MHz. The R184's switching allows the user to route multiple signals to a single location, for use in testing or status monitoring.

Up to 16 separate 'slave' units may be connected to a single 'master' unit to assemble a high quality low cost RF matrix switch assembly.

Control is via RS485 serial connection. This may be from a computer utilizing a USB to RS485 adaptor, or via LAN connection using an ethernet to RS485 adaptor such as the Lantronix UDS10. These adaptors are available from Monroe Electronics.

Windows based control software is included with the unit. It will run on any version of Windows from 98 SE to XP Professional.