



RF/IF Sensor

model
625A

Specifications

RF Isolation:

> 50 dBmV @ 750 MHz

Sense Input:

+ 15 dBmV maximum

Drop-Out Level:

- 3 dBmV; Delay 250 mSec

Pick-Up Level:

0 dBmV; Delay 25 mSec

Power Requirement for External Power Supply:

100-240 VAC \pm 2%, 50/60 Hz.

Physical:

1.50" H x 2.75" W x 5.25" D

Weight:

1 lb.

Features

- Small size
- 'F' connectors
- Unused signals terminated in 75 Ω
- Includes 12 VDC power pack
- Flanged enclosure for easy mounting
- External Solid State Switch, driven by Sensor



Description

Monroe Electronics' Model 625A RF/IF Sensor provides automatic 2x1 RF/IF switching controlled by the loss of video modulated RF carrier.

The 625A's sense input circuit monitors horizontal sync pulses on the video modulated RF carrier and automatically switches to the secondary input upon a decrease or loss. The relay remains in this state with the secondary input connected to the output, until the sync pulses on the video modulated RF carrier return. This causes the primary input to switch back to the output connection.

The 625A's sensing input requires an external bandpass filter and pad for multiple channel feed conditions.