![Monroe Electronics logo](ME MONROE ELECTRONICS)
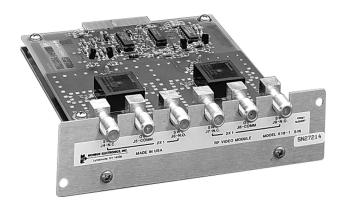
Dual 2x1 IF/RF Switch Module

model
618

Features

- **Coil latching relays**
- **Unused IF/RF signal terminated to 75 Ω**
- **Frequency characteristics to 900 MHz.**

Specifications

Switching Configuration:
SPDT

Contact Material:
Gold-clad nickel

Operate Time:
15 mSec. maximum

Release Time:
10 mSec. maximum

V.S.W.R.:
1.5 maximum

Insertion Loss:
1.2 dBmV Max. @ 900 MHz

Isolation:
> 77 dBmV @ 100 MHz.
> 71 dBmV @ 250 MHz.
> 68 dBmV @ 450 MHz.
> 55 dBmV @ 600 MHz.
> 43 dBmV @ 900 MHz.

Latched Impedance:
75 Ω

Unlatched Impedance:
75 Ω

Connectors:
"F"

Description

    The 618 Dual 2x1 IF/RF switch is a module used in the R-149 Program Timer, or the R-150A expansion panel. Control and programming of switch actuations for the 618 are entered from the R-149's front panel keys. Latching relays are used on the 618 to retain the output program during power interruptions.

    The 618 is designed for use in locations where IF/RF switching is required for non-duplication, blackout, or routing.