

HIGH POWER MICROWAVE SP2T SWITCH MODEL T-ISLT-2-2131

TECHNICAL FEATURE

Features

- Internally Terminated Design (on receive)
- Integrated Driver Assembly



Performance

Frequency Range	6 to 18 GHz
Insertion Loss.....	1.75 dB max
Isolation	25 dB min
Operating Power	100 Watts CW
Switching Speed	1us max
Control	TTL Logic
Power Supply.....	+30, +/- 5 VDC
Physical Size.....	2" x 1.8" x 1.05" max
Mounting Temperature.....	+50°C max

Description

The T-ISLT-2-2131 is a PIN diode based high power microwave switch covering 6 to 18 GHz. Power levels up to 100 W CW are handled over the operating temperature range. The switch offers high isolation and termination for the non-selected port.

This switch is suitable for signal control applications including ECM and radar transmitters. This might apply as a transmit/receive switch or selection between bands of high power signal sources or antennas.

The T-ISLT-2-2131 represents just one example of the extensive design capability of the recently initiated control device product line at Olektron. Please contact Olektron with your custom requirements.