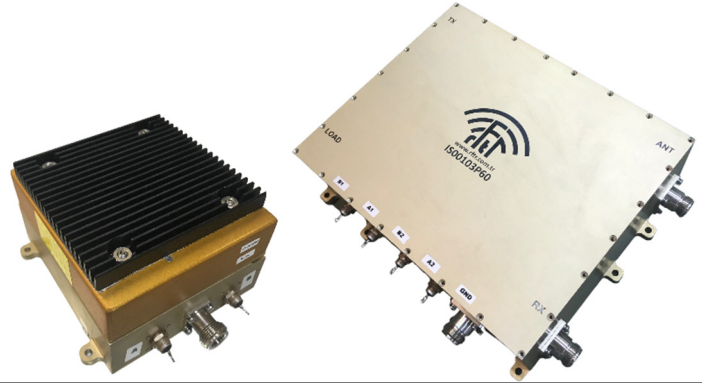




IS00010030P60; 1.5-30 MHz 1000W TRANSMIT / RECEIVE SWITCH

- Pin diode based design
- High switching speed
- High reliability and ruggedness
- Ultra Broadband
- 50 Ohm Input & Output Impedance
- Low Insertion Loss
- High Isolation



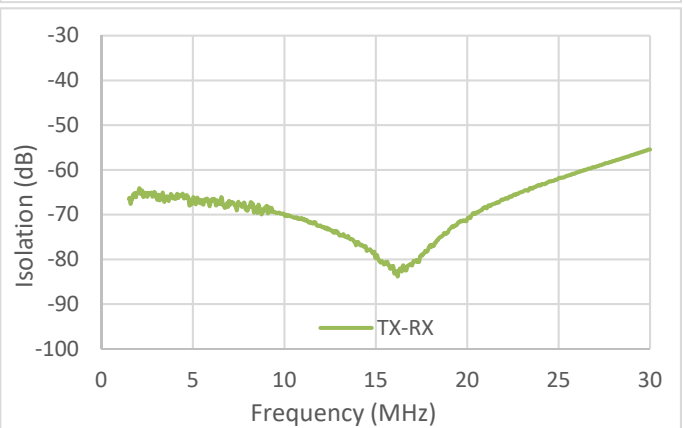
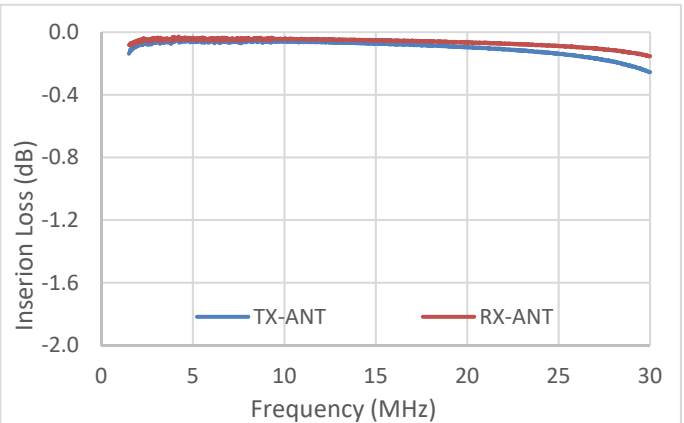
INTERFACES

| | |
|------------------|----------|
| TX (1): | N Female |
| RX (2): | N Female |
| ANT (3): | N Female |
| LOAD (4): | N Female |

ELECTRICAL & ENVIRONMENTAL SPECIFICATIONS

| | |
|------------------------------|-----------------|
| Frequency: | 1.5-30 MHz |
| Power Handling: | 1000 W CW |
| Insertion Loss: | 0.5 dB max. |
| Isolation: | > 30 dB |
| In/ Out VSWR: | 1.5:1 max |
| TX / RX Speed: | 100 us |
| Operating Case Temp.: | -40 °C to 85 °C |
| Storage Temperature: | -40 °C to 85 °C |
| Shock: | MIL-STD-810F/G |
| Vibration: | MIL-STD-810F/G |

TYPICAL PERFORMANCE GRAPHS



MECHANICAL SPECIFICATIONS

| | |
|--------------------|-----------------|
| Size (mm) : | 230 × 180 × 65 |
| Weight : | 2600 gr. |
| Plating : | Yellow Chromate |

