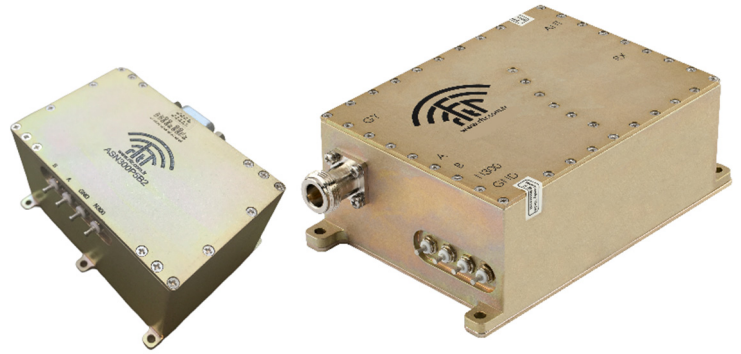




## IS01000500P56; 100-500 MHz 400W TRANSMIT / RECEIVE SWITCH

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



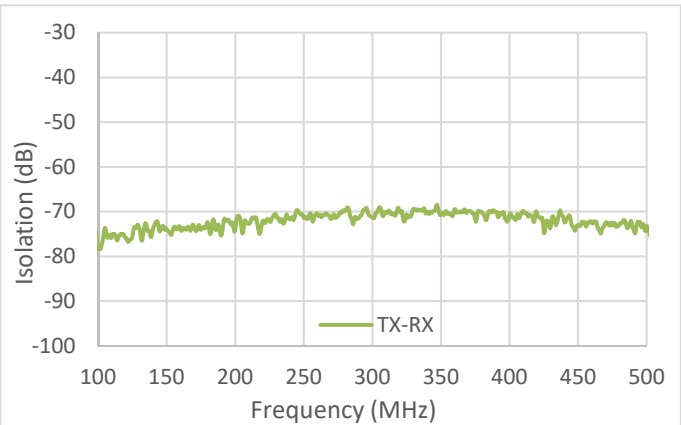
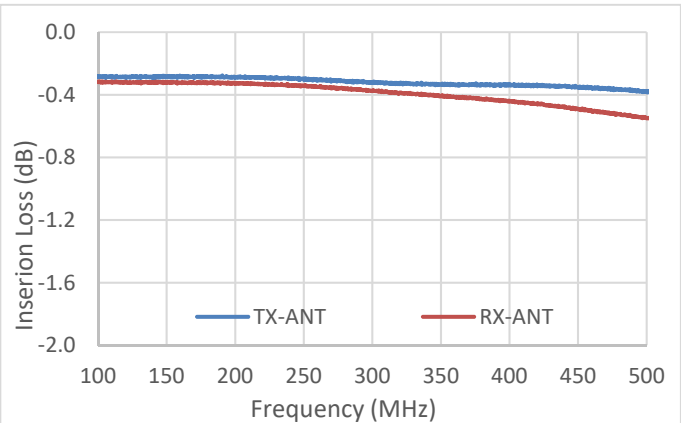
### INTERFACES

**TX (1):** N Female  
**RX (2):** N Female  
**ANT (3):** N Female

### ELECTRICAL & ENVIRONMENTAL SPECIFICATIONS

**Frequency:** 100-500 MHz  
**Power Handling:** 400 W CW  
**Insertion Loss:** 0.8 dB max.  
**Isolation:** > 30 dB  
**In/ Out VSWR:** 1.5:1 max  
**TX / RX Speed:** 20 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) :** 142 × 90 × 50  
**Weight :** 660 gr.  
**Plating :** Yellow Chromate

