

Antenna VSWR Monitor



A wide range of VSWR/Return Loss monitors are available for incorporation into transmitter combiner systems to compare forward and reverse power in the system and calculate the return loss. This antenna monitoring technique will work with single or multiple channel arrangements at RF power levels up to 2kW. Various editions are available to meet particular requirements of power, mismatch and frequency.

Output options include:

- Voltage proportional to the true return loss
- Volt-free relay contacts
- Open collector output
- TTL Level

Additional options include:

- Isolated DC earth
- Low RF power alarm inhibit (for transmitters that are not transmitting continuously)
- Remote or local alarm level adjust potentiometer.

Specifications

| | | |
|------------------------------|--------------|-----------------|
| Power Rating | 250W | |
| Impedance | 50 Ohms | |
| Main Line Return Loss | >30dB | |
| Frequency Range | 70-2500MHz | |
| Insertion Loss | <0.1dB | |
| RF Connector Type | RF: | N Type standard |
| DC Connector Type | DC: | D Type 15 way |
| Temperature Range | -10 to +55°C | |