

Protection Circuits

Unlike tubes, overstressed transistors will fail almost immediately. RF-LINKS recognizes that the amplifier may be overstressed in the field due to incorrect interface with the system, a system component failure, or an environmental extreme.

The following features are incorporated into most amplifiers to protect them from abnormal operation:

- Reverse voltage protection
- Input overdrive protection
- Load VSWR protection via current limit circuits or output circulator
- Thermal overload protection
- Overvoltage, undervoltage and overcurrent when AC power supply is used
- Out of band drive protection

Refer to the technical data sheets of interest to determine the standard and optional protection circuits available.