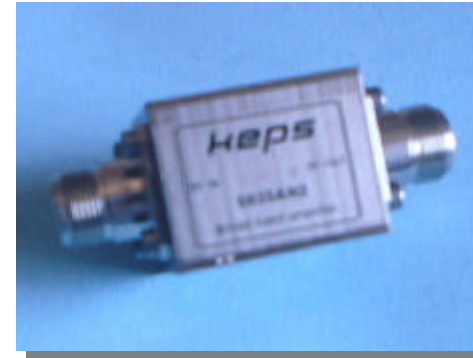


RF1 - LIM

**RF power
transmission
protector**



0535AN2 0535AS2

**Broad band 50 mW
amplifiers**

The best way to protect your down-converter against TX power

Operating frequency	144 - 148 MHz
Loss	< 0.1 dB
Handling Power	80W max
Operating Voltage	11 - 15 V
Current consumption	40 mA
Impedance	50 ohm
RF Connectors	N female
DC Connectors	5.5 / 2.1 mm
Dimensions	80 x 32 x 30 mm

- ?? Passive protection (no dc)
- ?? Active protection (vox)
- ?? Low Loss
- ?? Bias Tee feature
- ?? DC supply from RX or from external power supply
- ?? Reverse polarity protection
- ?? Small size
- ?? Professional milled aluminium case
- ?? SMT tecnology

Operating Frequency	100 - 3500 MHz
In - Out Impedance	50 ohm
Gain & 144 MHz	33 dB
Gain & 432 MHz	32 dB
Gain & 1296 MHz	30 dB
Gain & 2400 MHz	27 dB
Gain & 3400 MHz	24 dB
Output Power @ 2.4GHz	typ. +18 dBm
Operating Voltage	11 - 15 V
Output IP3 @ 2.4GHz	+32 dBm
Current Consumption	100 mA
RF Connectors AN mod.	N female
RF Connectors AS mod.	SMA m- in / f-out

- ?? Wide Band
- ?? High IP3
- ?? N type and SMA type connectors available
- ?? Small size
- ?? Professional milled aluminium case
- ?? SMT tecnology