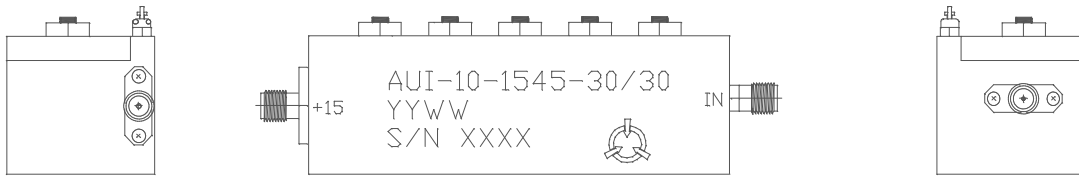




## L-Band Filter/LNA

P/N AUI-10-1545-30/30



### Performance @ +25°C

| Parameter                            | Units  | Minimum  | Typical   | Maximum |
|--------------------------------------|--------|--|-----------|---------|
| Center Frequency                     | MHz    | -  | 1545      | -       |
| 1 dB Bandwidth                       | MHz    | 30   | 35        | -       |
| 50 dB Stop-Band, Lower               | MHz    | DC-1450  | DC-1455   | -       |
| 50 dB Stop Band, Upper               | MHz    | 1625 -2000   | 1620-2000 | -       |
| Gain, min., over 30 MHz Band         | dB     | 30   | 32        | 35      |
| Noise Figure over 30 MHz Band        | dB     | -  | 1.5       | 1.8     |
| Return Loss, Input                   | dB     | 14 dB  | 16 dB     | -       |
| Return Loss, Output                  | dB     | 10 dB  | 14dB      | -       |
| Impedance                            | ohms   | -  | 50        | -       |
| 1dB Compression , Output             | dBm    | +10  | +13       | -       |
| Connectors                           |        | Right Angle SMA Female   |           |         |
| Size, w/o connectors & tuning screws | inches | 3.35 x 1.35 x 1.35   |           |         |
| DC Power                             |        | +15 V , 125 ma Max, on output connector<br>Internal Regulation |           |         |

5/10/98