



## PDC-900-16

| Parameter                | Specifications                |
|--------------------------|-------------------------------|
| Frequency Range          | Model: PDC-900-16 869~894 Mhz |
| Pout, average            | 42 dBm (16Watts)              |
| RF Gain                  | 40dB                          |
| RF Gain flatness         | 0.5 dB                        |
| RF gain vs. Temp         | $\pm 1.0$ dB                  |
| Spectral Regrowth        | -50 dBc@ Fc $\pm$ 750 KHz     |
|                          | -65 dBc@ Fc $\pm$ 1.98 MHz    |
| IMD3                     | 46dBc                         |
| Noise Figure             | 8dB max                       |
| Second Harmonic          | -30 dBc                       |
| Third Harmonic           | -60 dBc                       |
| Input/Output Return Loss | 15 dB min.                    |
| DC Input Power           | +27 V                         |
| DC Current               | 5.5A                          |

