PAxxxxx

4.0 - 16 GHz Microstrip Patch Antennas

The Paxxxx is a low profile, light weight, microstrip patch antenna operating at xxxxx MHz center frequency. Its hemispherical broad beam coverage makes it ideal for sector directional applications. This antenna’s performance is similar to a discone but at a fraction of the cost. The patch is available in linear, RHCP, or LHCP polarities. Bandwidths range from 6% standard, to 10% wide. Specifications are provided below.

SPECIFICATIONS:

- **PAxxxx** 6% bandwidth
- **PAxxxxW** 10% bandwidth
- **PAxxxxR** RHCP
- **PAxxxxL** LHCP
- **Gain:** 7 dBi nominal
- **HPBW:** 120° Elev / 85° Az
- **Polarity:** Lin, RHCP, or LHCP
- **Axial Ratio:** 4 dB max
- **VSWR:** < 3.0:1
- **Power:** 10 Watts
- **Weight:** .5 Oz
- **Connector:** SMA(f)
- **Construction:** XPVC radome
- **Finish:** none
- **Mount:** 4 x #6 on 1.35" x 2.05"