



# Epsilon 10 Microdesign

## 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 disccone 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"

