



## Archetech™ Series Antennas



### FEATURES/BENEFITS:

- Two-Way Rotational
- High Gain
- High Radiation Efficiency
- Multiple Frequencies Available
- Easy Mount and Installation
- Aesthetically Pleasing Design

### APPLICATIONS:

- PCS1900/DCS1800
- Wireless Local Loop
- Wireless LAN
- Wi-Fi

TECOM's Archetech™ Antenna Series is a perfect fit for any setting that needs wireless access: classic, contemporary, business or residential. The sophisticated styling of the Archetech Series blends gracefully with both interior and exterior environments. A unique universal mount allows for placement at any angle on a wide range of surfaces. The swivel mount provides a full range of movement for manual adjustment of the antenna with a cable tray to discreetly conceal connector interfaces for optimum mechanical and electrical performance.

The Archetech Series offers more than aesthetics—it delivers the best gain for its size and exceeds WLL/PCS antenna environmental requirements to offer the best performance possible for all your applications.

### Electrical Performance Specifications

#### High Gain Panels

Type Number	Frequency Range	VSWR	Gain	Polarization	Connectors
504107A	1.71 – 1.88 GHz (DCS)	2.0:1	7 – 12 dBi	CP or Linear	SMA or TNC
504108A	1.85 – 1.99 GHz (PCS)	2.0:1	7 – 12 dBi	CP or Linear	SMA or TNC
504045A	1.88 – 1.90 GHz (DECT)	2.0:1	7 – 12 dBi	CP or Linear	SMA or TNC
505126A	2.4 – 2.485 GHz (ISM)	2.0:1	7 – 12 dBi	CP or Linear	N Type or TNC
506046A	5.7 – 5.85 GHz (ISM)	2.0:1	7 – 12 dBi	CP or Linear	SMA or TNC

#### Common Performance Data

- 1) Beamwidth 3dB: 60° @ Azimuth, 60° @ Elevation
- 2) Impedance: 50 Ohms
- 3) Weight: 0.2268 kg
- 4) Dimensions (LxWxH): 4.77 in x 1.14 in x 6.25 in
- 5) Installation: Universal mount full range of movement: ±30°vertical, ±90°horizontal