



# ARC-OA5813SD1

ARCFlex™ Dual Pol Omni Antenna  
5.15-5.875 GHz 13dBi



- 360 Degree Coverage
- High gain, low cost circuit design
- Manufactured under strict US quality control procedures
- Low profile and rugged design for outdoor use

## Electrical Specifications

|                                        |                         |
|----------------------------------------|-------------------------|
| Frequency Range                        | 5.15-5.875 GHz          |
| Gain (Typ)                             | 13.0dBi                 |
| Polarization                           | Dual Linear             |
| 3dB Beamwidth<br>Horizontal / Vertical | 360 degrees / 7 degrees |
| VSWR                                   | ≤1.5:1 typ              |

|                      |                  |
|----------------------|------------------|
| Cross Polarization   | >25 dBi          |
| Power Rating         | 50 watts         |
| Impedance            | 50 ohms          |
| Lightning Protection | DC Ground        |
| Connector Type       | Type-N Jack (x2) |

## Physical/Environmental Specifications

|                        |                             |
|------------------------|-----------------------------|
| Length x Width x Depth | 24 x 2.05in<br>(60 x 5.2cm) |
| Weight                 | 7.0 lbs (3.2kg)             |
| Radome                 | Fiberglass                  |

|                              |                                           |
|------------------------------|-------------------------------------------|
| Wind Survivability           | 125mph (201kph)                           |
| Wind Load                    | .33ft <sup>2</sup> (0.031m <sup>2</sup> ) |
| Operating Temperature        | -40°F to 149°F (-40°C to 65°C)            |
| Pole Mount Diameter<br>Range | 0.75in to 3.0in (3.8cm to 5.2cm)          |