



ARC-OA5810SD1

ARCFlex™ Dual Pol Omni Antenna
5.15-5.875 GHz 10dBi



- 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	Cross Polarization	>25 dBi
Gain (Typ)	10.0dBi	Power Rating	50 watts
Polarization	Dual Linear	Impedance	50 ohms
3dB Beamwidth Horizontal / Vertical	360 degrees / 12 degrees	Lightning Protection	DC Ground
VSWR	≤1.5:1 typ	Connector Type	Type-N Jack (x2)

Physical/Environmental Specifications

Length x Width x Depth	15.5 x 2.05in (39 x 5.2cm)	Wind Survivability	125mph (201kph)
Weight	4.8 lbs (2.2kg)	Wind Load	.33ft ² (0.031m ²)
Radome	Fiberglass	Operating Temperature	-40°F to 149°F (-40°C to 65°C)
		Pole Mount Diameter Range	0.75in to 3.0in (3.8cm to 5.2cm)