ASC Signal Corporation’s Bifilar Helical Antenna is widely used for satellite communications. This antenna is engineered to assemble rapidly and is rugged enough to survive in winds up to 115 mph without ice and 95 mph with 1/2 inch of ice.

This antenna is available in left hand or right hand circular polarizations with different mounting arrangements.

**SPECIFICATIONS**

- **Frequency Range**: 245-315 MHz
- **Gain, Nominal at 280 MHz**: 12.5 dBi
- **VSRR**: 1.5 Maximum
- **Beamwidth**
  - E-Plane: 34°
  - H-Plane: 43°
- **Axial Ratio, Nominal**: > 2 dB
- **Input Connector**: Type N (Female)
- **Azimuth Adjustment**: 360°
- **Elevation Adjustment**: 90°
- **Wind Survival, No Ice**: 115 mph
- **Weight**
  - Antenna: 34 lb (15.5 kg)
  - Counterweight: 43 lb (19.5 kg)
  - Tilt Mount: 10 lb (4.5 kg)
  - Tripod Assembly: 29 lb (13.2 kg)
- **Size**
  - Assembled Antenna Length: 122 in (3100 mm)
  - Group Plane Diameter: 39 in (990 mm)
- **Part Number (R.H. Circular Polarization)**: 63305A-5
- **Part Number (L.H. Circular Polarization)**: 63305A-6
- **NATO Stock Number**: 5985-01-136-0180