AntDevCo Quadrifilar Helix Antennas – Broad Beam Widths, Customized Patterns

ST-5 Satellites

X-Band Quadrifilar Helix Antenna

AntDevCo is a spin-off from the New Mexico State University Physical Science Laboratory (PSL). Our engineers Dr. Bruce Blevins and Thomas Greenling designed and developed the quadrifilar helix antennas for the NASA ST-5 project during their work at PSL. This X-band antenna meet significant challenges for antenna efficiency, mass, dimensions, and radiation pattern performance.

AntDevCo offers X-band and S-band flight-ready Quadrifilar Helix Antennas. X-band units have successfully completed their mission on the NASA ST-5 constellation of three satellites and the S-band units are operational on the MOST spacecraft.

Antenna Development Corporation
www.AntDevCo.com
151 South Walnut Avenue, Suite B6
Las Cruces, New Mexico 88001   (575) 541-9319

Images courtesy of NASA/JPL/Caltech

ADC-0601011244 QHA poster.ppt Updated 11-28-07