

PSS High-Speed Data Communications

The PSS Secure Data Communication systems offers a compact, low power airborne system consisting of high gain antennas, automated tracking gimbaled systems, very high bandwidths - up to 237 megabits per second downlink with a single link - decent range (up to 20 miles with graceful degradation), and automatic frequency switching with an encryption option.

A variety of frequency bands are available from unlicensed 5.4 and 5.8 GHz, or Public safety 4.9 GHz, High bandwidth efficiency with dynamic frequency selection or selectable channel setting minimizes interference from and to others. Multichannel options for higher bandwidths are available.

Features:

PSS High Speed Data Communications

- 300 megabits per Second (optimal)
- Automatic Tracking
- Continuous Turn, Pan, Tilt Head
- Single or Dual Aircraft Data Link
- Highly Mobile Ground Link
- Pod Mount Able to Provide Secure Communications at Distances Approaching 20 Miles with Graceful Signal Degradation
- Pod Mount Option Allows Communication to Two Independent Sites at Shorter Distances