

PSDS System Block Diagram



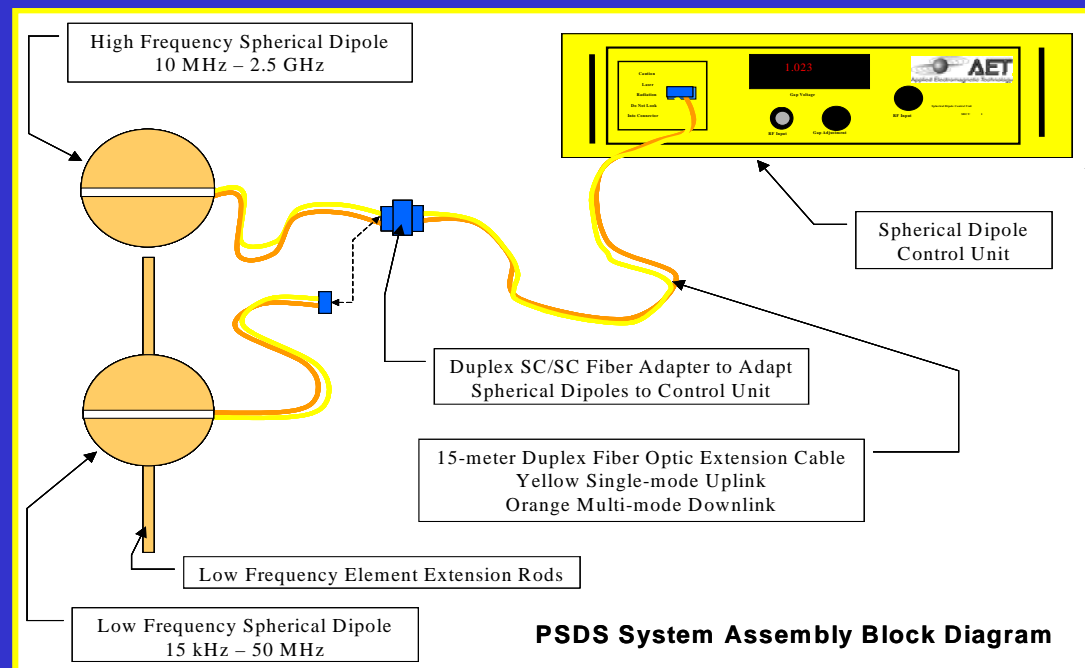
Control Unit

- Wide RF Input Frequency and Power Range
- Duplex Optical Fibers to Sphere for Total Isolation
- Monitored and Adjustable Output RF Power

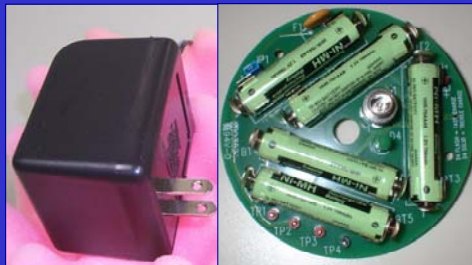


Spherical Dipole Antenna

- Two PSDS Radiating Elements; High and Low Frequency Ranges
- Battery Operated for RF Isolation; 6 Hours of Operating Time
- Spheres Are Interchangeable With Same Control Unit



PSDS System Assembly Block Diagram



Batteries

- Two NiMH Rechargeable Battery Boards Inside the Sphere
- Designed to Provide Extra Long Spherical Dipole Operating Time
- Easy In-Sphere & External Charging for Real-World Applications