The KestrelPod II

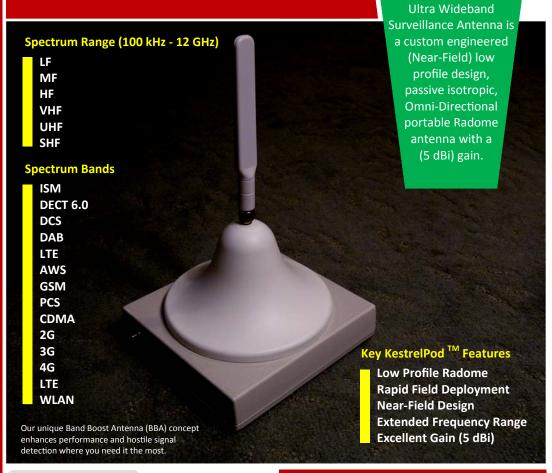
Kestrel TSCM [™] Professional Software

Signal Intelligence Support
System (SISS) TM

Introducing the KestrelPod II TM Ultra Wideband Surveillance Antenna (UWB-SA) for remote deployment and RF collection. The KestrelPod II TM includes a low profile Radome design that discretely blends in well for most (Near-Field) temporary, portable RF sweep deployment scenarios. The KestrelPod II TM is an ideal collection sensor platform for RF based technical security applications such as real-time spectrum monitoring, localized signal analysis, spectrum surveillance, short and long-term RF collection, as well as comparative RF analysis. Multiple Receiver Operation (MRO) TM is fully supported when utilized with the Kestrel TSCM [™] Professional Software. Portability and placement is simplified and the KestrelPod II TM is easily setup quickly on the floor or desktop. The KestrelPod II [™] Ultra Wideband Surveillance Antenna is terminated with a bulkhead SMA (F) connector and supports a variety of external band specific boost antenna elements. Optional (custom manufactured) RF adapters and low loss cables are also available. The KestrelPod II TM is a low cost solution for tactical deployment in any type of business or corporate environment. The KestrelPod II TM is a custom engineered wideband (Near-Field) design, developed by our **Technical Research and Standards** Group (TRSG). When a number of KestrelPod II [™] antennas are utilized in combination with the Kestrel TSCM TM Professional Software and our Multiple Receiver Operation (MRO) mode, the ability to collect and compare real-time RF spectrum and waterfall trace data is fully supported utilizing our Differential Signal Analysis (DSA) TM, Live View Analysis (LVA) TM and Kestrel Graphical Mapping (KGM) TM. The ability to capture remotely collected spectrum data in real-time across multiple search receivers or spectrum analyzers is fully supported. The KestrelPod II ™ is a TSCM specific (Near-Field) antenna. 💉

"Introducing the KestrelPod II [™] (UWB-SA) Near-Field Quick Deployment Portable TSCM Surveillance and Spectrum Monitoring Antenna..."

"Technical Surveillance Countermeasures (TSCM) has never been this easy..."





Key Features

The KestrelPod II TM Ultra Wideband Surveillance Antenna (Model: UWB-SA) is an exquisitely engineered, TSCM specific Radome near-field surveillance antenna with a small deployment foot print that meets exacting technical specifications for a wide range of (near-field) spectrum surveillance and continuous spectrum monitoring assignments from Low Frequency (LF) to Super High Frequency (SHF). The KestrelPod II TM significantly improves the Probability of Detection (POD) of potentially hostile signal events and is an excellent surveillance platform for extended ambient spectrum Baseline Logging (SBL) [™] when utilized with the Kestrel TSCM TM Professional Software, Signal Intelligence Support System (SISS) TM and the Kestrel Defined Monitor (KDM) TM concept.

"Innovation is Simply the Beginning..."

Specification Overview

Model: (UWB-SA) KestrelPod [™] Antenna

Application: Spectrum Surveillance and Monitoring

Near-Field Spectrum Range: 100 kHz - 12 GHz

Isotropic Gain: Nominal (5 dBi)

Type: (360 degree) Omni-Directional Pattern

Polarization: Vertical and Horizontal Front / Back Ratio: Nominal (15 dB)

Impedance: $50\,\Omega$

Connector: Bulkhead SMA (F)
Mechanical: 165 mm x 90 mm

Weight: 0.3 kg

Specifications are Subject to Change Without Notice...

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