

Manpack/Mobile DF Antenna System

1 – 3000/6000 MHz

Product Code: DFS-A0245

VERSION: 1.4



PRODUCT DESCRIPTION

The DFS-A0245 is a wideband DF antenna intended for on-the-move direction finding.

The DF-A0245 quad-pod is used as the low frequency band. Its performance is enhanced with patented hybrid loop-Adcock technology to provide improved sensitivity versus traditional designs of the same form factor.

A choice of four VUHF modules can be used as the higher frequency bands in the DFS-A0245, up to 3000 or 6000 MHz. A list of these antennas can be seen in the table below. Each of these antennas come with their own variants and additional features, which can be seen in their individual brochures.

The antenna presents patterns suitable for the Watson Watt estimation method, as well as 3-channel correlative DF.

Band switching is done via an integrated RF switch and control system. External and internal RF chain calibration is accommodated, along with various navigational capabilities.

*CA Application 2,853,219;

*EP Patent 2771943;

*U.S. Patent No. 14/353,382;

*ZA Patent No. 2014/02806

Related brochures:

- DF-A0245
- DF-A0120
- DF-A0201
- DF-A0254
- DF-A0257

VUHF modules:	
DFS-A0245-01	DF-A0120
DFS-A0245-02	DF-A0257
DFS-A0245-03	DF-A0254
DFS-A0245-04	DF-A0201