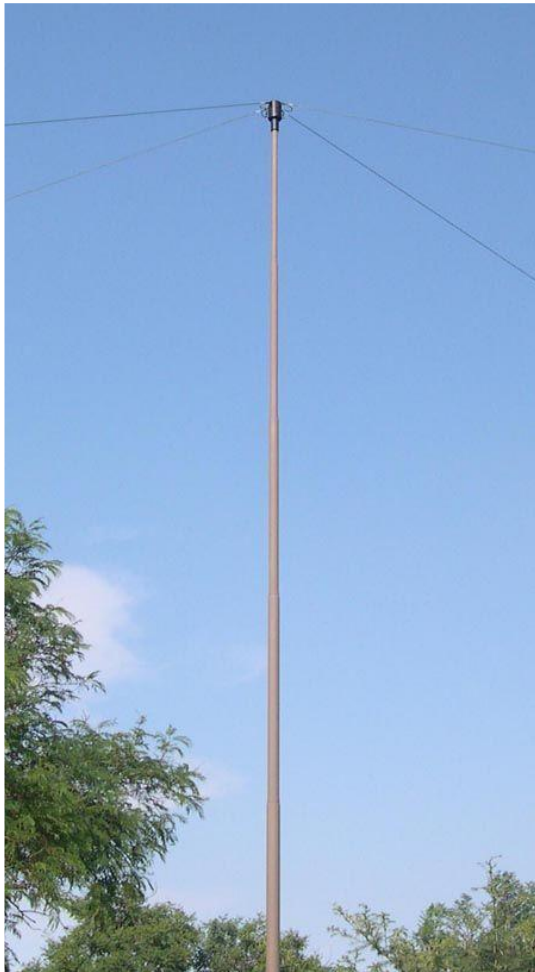


# HF Wideband Dipole Antenna

2.5 – 30 MHz

VERSION: 1.2

Product Code: TAC-HF



## SPECIFICATIONS:

<b>Alaris Product Code:</b>	RA52-0100-01
<b>Electrical:</b>	
Frequency range	2.5 – 30 MHz
VSWR	< 2.5:1
Nominal input impedance	50 Ω
Connectors	BNC
Input power	125 W CW (100% duty cycle)
<b>Mechanical:</b>	
Dimensions	Length: 46.2 m
Total mass	Antenna: 2.5 kg Mast (4/6 m): 2.5 kg/3.5 kg
Feeder cable	15 m RG58 supplied standard
Mounting method	
<b>Environmental: designed to meet the following specifications</b>	
Designed to comply with MIL-STD-810F	
Wind survival	120 km/h

## PRODUCT DESCRIPTION:

The TAC-HF system is an ultra-lightweight, man-portable HF wideband dipole antenna and mast system, designed for rapid deployment, long range reconnaissance patrol applications, where high efficiency, wideband performance is required for Wideband Frequency Hopping, Automatic Link Establishment (ALE) and Frequency Agile Data Link Protocol (DLP) communication channels.

Ideal for short (NVIS), medium and long range communications, the TAC-HF system can be erected in minutes by one person, in the inverted 'V' configuration, and being omni-directional, can be positioned in any orientation.

Carrypack contains:  
 HF wideband antenna  
 Feeder cable  
 Mast  
 Baseplate  
 Anchor pegs  
 Mallet  
 Guy ropes

Typical deployment time for one person is approximately 5 minutes.

\*Please specify colour on order.

## PRODUCT FEATURES:

- Lightweight
- Rapid deployment
- Wideband
- Man-portable

## APPLICATIONS:

- Various communications