



Antenna Mounted on 10m mast



Storage Bobbin

SPECIFICATIONS:

Electrical:	
Frequency range	1.5 – 30 MHz
VSWR	< 2.5 :1 over 90% of the band (See graph)
Nominal input impedance	50 Ω
Efficiency	Greater than 25% over 75% of the band
Connector	N-Type female
Feed power handling	1000 W CW
Polarisation	Linear
Mechanical:	
Dimensions (l x h x w)	90 m x 10 m x 10 m (Height depends on mast)
Weight	17 kg
Material	Stainless steel wire
Environmental:	
Wind survival	160 km/h (calculated)

PRODUCT DESCRIPTION:

This is a wideband inverted-V dipole antenna that operates over the 1.5-30 MHz band with a VSWR of less than 2.5:1 over 90% of the band.

This antenna gives a superior radiation pattern for near vertical incidence sky wave (NVIS) and short distance HF jamming and communications.

The antenna requires either a 10 m or 12 m fibreglass sectioned mast with guy ropes that is supplied as an optional extra.

ELECTRICAL FEATURES:

- High power handling
- Efficiency greater than 25% over 75% of the band
- Wide band without requiring ATU
- Omni-directional

MECHANICAL FEATURES:

- Rugged for tactical applications
- Quick erection time
- Compact packaging

HF Tactical Inverted V Dipole Antenna

1.5 - 30 MHz

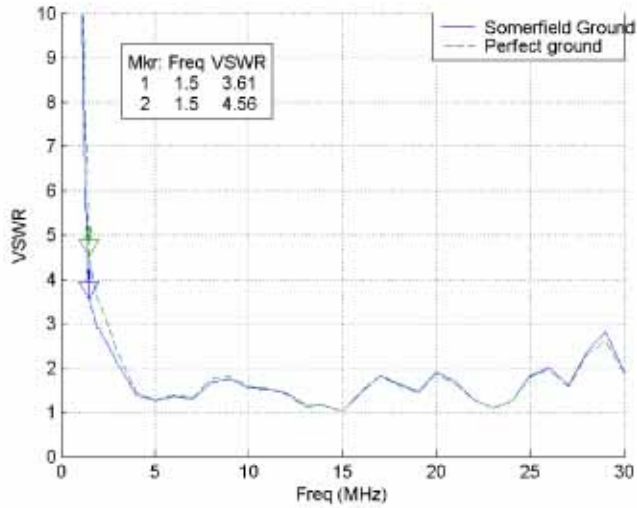
Product Code: DIPL-A0056

PRODUCT STATUS: COTS

VERSION: 1.0

VSWR AND EFFICIENCY GRAPHS

VSWR



EFFICIENCY

