

# **UHF Broadband Blade Antenna**

## Application:

Short broadband flexible blade antenna for use on man-pack and hand-held transceivers. Built in matching network ensures good VSWR and gain across the entire 225-512 MHz band. The antenna is optimised for use on man-pack radios on the back of a person. It also works very well on a "walkie-talkie" type radio.

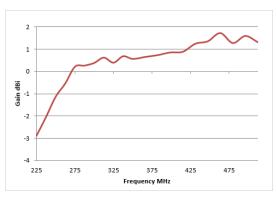
### **Electrical Specifications:**

Frequency range	225-512 MHz
VSWR	< 3.5
Impedance	50 ohm
Power rating	20 W CW
Gain	See plot
Connector	TNC standard , others available according to customer requirements

### **Mechanical Specifications:**

Design	Wideband monopole flexible steel blade antenna with matching network. Blade is covered with polyolefin shrink tube
Length	290mm
Diameter	Blade: 14mm Matching network: 17mm
Weight	110g
Finish	Black
Temperature range	-55 °C +71°C; -67°F +160°F

#### Gain:



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290mm