



Description:

The APX27 is a folding whip in 9 sections for portable VHF radio sets. The antenna utilises fibreglass elements with a conductive coating that gives excellent mechanical and electrical properties.

This version of the antenna is designed to be used together with the SINCGARS radio. The antenna includes a broad band matching network. Other versions of this antenna are available on request.

Electrical specifications:

Frequency range	30-108 MHz
Impedance	50 Ohm
VSWR	<3.5:1
Power rating	15 W

Mechanical specifications:

Design	Glass fibre elements with conductive coating, brass plated ferrules and elastic cord.
Length	2.65 m (8.7 feet)
Weight	0.5 kg
Finish	Polyurethane lacquer, olive
Temperature range	-55 °C, +71 °C; -67 °F, +160 °F

Variants:

Variants are available with different lengths and number of sections. The standard antenna is supplied with a shock absorbing spring. It can also be delivered with gooseneck to allow antenna orientation.

Connectors:

The standard antenna is supplied with a SINCGARS connector for VHF. Other versions can be manufactured according to customer specifications.



Whip shown folded for stowage

Nato codification complete antenna

5985-25-151-3443