

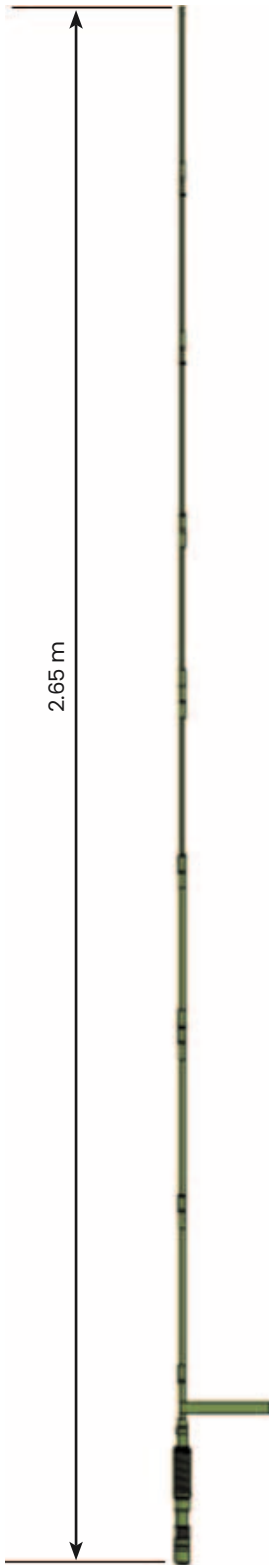
APX27/SIN

VHF manpack folding whip, composite, monopole, SINCGARS,
2.65 m, 30-108 MHz

Tactical Antennas: Handheld and Manpack



NSN: 5985-25-151-3443



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.

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.

Mechanical Specifications

Design	Glass fibre elements with conductive coating, brass plated ferrules and elastic cord.
Length	2.65 m
Weight	0.5 kg
Finish	Polyurethane lacquer, olive
Temperature Range	- 55°C to + 71°C

Electrical Specifications

Frequency Range	30 - 108 MHz
Impedance	50 Ω
VSWR	< 3.5
Power Rating	15 W



Whip shown folded for stowage

September 2018

All specifications are subject to change without notice

The information contained herein is for reference only and does not constitute a warranty of performance

Partnered Supplier



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