

APX28 Series

VHF manpack folding whip, composite, monopole, 2.7 m, 30-108 MHz

Tactical Antennas: Handheld and Manpack



APX28 shown with spring and 25W VHF 30 - 108 MHz antenna matching unit (see overleaf for options)

Application

- Broadband VHF folding whip designed for use over the 30 - 108 MHz frequency band.
- Utilises eight copper coated epoxy fibreglass elements that give excellent mechanical and electrical properties.
- Spring or gooseneck option available between the whip and antenna matching unit. Spring for mechanical shock protection, gooseneck to orientate antenna whip.
- Broadband matching network is used to ensure maximum available gain across the complete frequency band.
- Connector options available.
- High Voltage (HV) protection option available.
- L1 and L1/L2 GPS options available.

Electrical Specifications

Frequency Range	30 - 108 MHz
Impedance	50 Ω
VSWR	< 3.5
Power Rating	25 W
Connector Options	TNC N-Type Customer specified

Mechanical Specifications

Design	Broadband monopole foldable whip with spring or gooseneck and antenna matching unit (AMU). Elements made from copper coated fibreglass epoxy.
Length*	2.7 m
Weight*	0.75 kg
Finish	Polyurethane lacquer, black (other colours on request)
Temperature Range	- 55°C to + 71°C

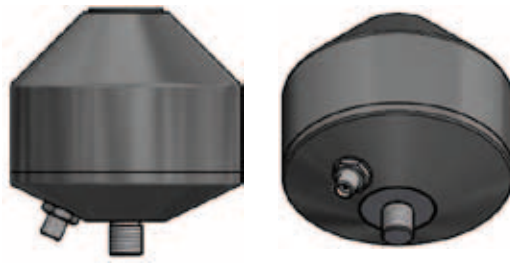
*depending on configuration



APX28 shown with gooseneck and 25W VHF 30 - 108 MHz antenna matching unit (AMU)



Typical antenna matching unit options
 Left: 25 W VHF 30 - 108 MHz
 Right: 25 W VHF 30 - 108 MHz with High Voltage Protection



GPS options - L1 and L1/L2, SMA connector
 Mounted between the whip and Spring/Gooseneck

