



Installation

400-550 MHz

TOPA-AN-212

This is a 1/4 wave UHF antenna designed for hand portable two way radio applications. The antenna is a cable style design encased in a one piece injection moulded polyurethane sheath. The sheath completely covers the connection and strain relief base, affording the antenna excellent durability while retaining flexibility.

Cutting Instructions

1. The antenna should be cut using cable cutters or good quality pliers.
2. This chart should be used as an accurate tuning guide. The operating bandwidth of the tuned antenna is quite broad and slight discrepancies in length will not affect performance.
3. Remove the antenna cap and, using the cutting chart below, cut the antenna to the desired length from the reference point shown.
4. We suggest using a standard PVC jointing cement to glue the antenna cap on.



Specifications

Frequency Range: 400-550 Mhz
 Tuned Bandwidth: 20MHz for VSWR<2.01:1
 Power Rating: 50 Watts
 VSWR: Typical 1.5:1 at centre frequency

Polarization Vertical
 Termination: SMA Male Connector
 Operating Temperature: -40°C to 85°C
 90° Flexure Cycle Life: 20,000 Flex Cycles Typical

