



20-00-60
NSN 5985-99-988-2946
Vehicle Mount
Telescopic Mast

FEATURES

- **Adaptable for multiple vehicle type installations**
- **Steel top plate for magnetic mount antennas**
- **Rugged light weight design**
- **All weather operation**
- **Simple and Safe to operate**
- **Designed to MIL-STD-810**
- **Supplied in carry bag**

The 20-00-60 is a vehicle mounted telescopic mast designed to provide a mounting for antennas that are relatively independent of ground plane such as the Cooper Antennas Ltd (CAL) 20-30-61. This mast is particularly suited to vehicle-on-the move applications where the antenna mounted upon it can be retracted to approximately the vehicle roof line for transit and extended to 1 to 1.25 meters for operation.

The 20-00-60 comprises three interlocked precision machined co-linear glass epoxy tubes of high strength and light weight, the largest of which is affixed to the vehicle allowing the each of other two to be manually raised or lowered and then locked in position by a single hand tightened knob. The upper tube is fitted with a steel plate measuring 355 x 285mm which is capable of supporting a magnetically mounted antenna.

The mast is affixed to the vehicle via two mounting brackets – one fixed at the base of the mast and the other capable of being positioned near the top of the bottom tube such as to provide optimum attachment to the vehicle.



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SPECIFICATIONS

Cooper Antennas Model 20-00-60

NSN 5985-99-988-2946

Vehicle Mount Telescopic Mast

MOUNTING

Maximum extension available	50 inches (1200mm)
Height to mounting face with mast fully extended	94 inches (2388mm)
Top plate dimensions	14 x 11 inches (355 x 285mm)
Height to mounting face with mast fully retracted	44 inches (1118mm)
Maximum distance between vehicle mount brackets	37 inches (940mm)
Minimum recommended distance between vehicle mount brackets	24 inches (610mm)
Mast weight (excluding bag)	18 lbs (8.2kg)
Weight (including bag)	24 lbs (11kg)

The dimensions shown above are “maximum envelope” sizes
As the mast is telescopic there is a range of mounting heights between the extremes

The mast is not intended for use with units weighing in excess of 22 lbs (10kg)

STOWED SIZE

Largest Diameter	16 inches (408mm)
Length	44 inches (1123mm)
Weight (including bag)	24 lbs (11kg)

FINISH

Desert Sand CARC. Other finishes available on request

Note: Cooper Antennas Ltd has a policy of continuous product improvement and data herein is therefore subject to change.
Please check with Cooper Antennas Ltd that this data sheet is at latest issue before initiating contract activity.