

786-70-TM

The 786-70-TM is a versatile dual antenna composed of two 782-70 antennas with 30 dB isolation. All our antennas can be completely customized to your particular applications. Our antennas can be black anodized, top (876-70-TM) or side mount (786-70-SM) configuration, and heavy-duty versions are available. This antenna is available also with 40 dB isolation between antennas.

- This antenna is field adjustable for Omni or Bidirectional coverage.
- 30 dB isolation between antennas.
- Complete internal cabling, fixed dipole-mast spacing, and adjustable pattern control.
- Rugged design to withstand extreme environmental conditions.

Electrical Specifications	786-70-TM
Frequency Range, MHz	406-470
Nominal Gain, dBd	3.0-5.5
Number of Dipoles	2 Sets of 4
Bandwidth 1.5:1 VSWR, MHz	64
Polarization	Vertical
Pattern	Omni or Bi-Dir.
Power Rating, Watts	300
Nominal Impedance, Ohms	50
Lightning Protection	DC Ground
Standard Termination	Type N Male
Mechanical Specifications	786-70-TM
Length, in. (mm)	150 (3810)
Width (1/2 Wave Spacing), in. (mm)	12 (305)
Weight, lbs. (kg)	35 (16)
Rated Wind Velocity, No Ice, mph (km/h)	150 (241)
Rated Wind Velocity, 0.5" (13mm) ice, mph (km/h)	110 (177)
Lateral Thrust @ 100 mph, wind, lbs. (N)	93 (411)
Bending Moment @ top clamp: 100 mph, ft.*lb (N*m)	302 (410)
Projected Area, ft ² (m ²)	3.5 (0.33)
Mounting Information: Mast O.D., in. (mm)	2.4 (61)



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Bidirectional



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