

Details 698 - 806 MHz

The TS-69I-4-90H is a horizontally polarized sectoral antenna. It consists of a broadband dipole array on an aluminum base with a UV stabilized ASA radome for superior weatherability. The antenna is at DC ground to aid in lightning protection.

Electrical Specifications

Freq Range:	698 - 806 MHz
Gain:	11 dBd
VSWR:	1.5:1 max.
Front Back:	20 dB min
Pol:	Horizontal
Power:	250 watts
H Plane BW:	19°
E Plane BW:	90°
X Pol:	21 dB min
3rd Order IM 2 20w:	-150 dBc
Imp:	50 ohms nominal
Termination:	7/16 DIN

Mechanical Specifications

Length:	50 in. (1270 mm)
width:	12 in. (305 mm)
Depth:	5.75 in (146 mm)
weight:	25 lb. (11.34 kg)
Rated Wind Vel:	125 mph (200 km/h)
Hor Thrust:	260 lb. (118 kg)
Mech tilt:	0 - 15 degrees
Mounting Pipe:	1.75 - 4.0 in. (44.5 - 102 mm)

Material Specifications

Radiating Elements:	Copper on PCB
Reflector:	Irridited aluminum
Radome:	Gray UV stabilized ASA
Clamps:	HDG steel



Antenna Patterns

