

Details

757 -788 MHz

The TS-75I-4-90 is a horizontally polarized 90 degree 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:	757 -788 MHz
Gain:	10 dBd +/- 0.5 dBd
VSWR:	1.5:1 max.
Front Back:	15 dB min
Pol:	Horizontal
Power:	200 watts
H Plane BW:	19°
E Plane BW:	90°
X Pol:	22 dB min
Imp:	50 ohms nominal
Termination:	7/16 DIN

Mechanical Specifications

Length:	49.5 in. (1257 mm)
Width:	11 in. (279 mm)
Depth:	5.75 in (146 mm)
Weight:	30 lb. (13.6 kg)
Rated Wind vel:	125 mph (200 km/h)
Hor Thrust:	175 lb. (79.4 kg)
Mech tilt:	0 - 10 degrees
Mounting Pipe:	1.75 - 4.0 in. (44.5 - 102 mm)

Material Specifications

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



Antenna Patterns

