

Details 698-806 MHz

The TA-711 is a high gain field adjustable sector for use in the 698-806 MHz licensed band. The patented adjustable side panel design allows the user to choose a 65, 90, or 120 degree azimuth pattern to easily optimize sectoral coverage, while the excellent front to back ratio and side lobe reduction minimizes possible inter-sector interference. The extremely robust design and versatility ensure superior performance and weatherability.

Electrical Specifications

Freq Range:	698-806 MHz
Gain:	13.75 dBd @ 65°, 12.75 dBd @ 90°
Gain Multiple:	12.25 dBd @ 120°
VSWR:	1.5:1
Front Back:	25dB @ 65° & 90°
Front Back Multiple:	20dB @ 120°
Pol:	Vertical
Power:	250 watts
H Plane BW:	65, 90, 120 degrees
E Plane BW:	10 degrees
X Pol:	25 dB typical
Imp:	50 ohms nominal
Termination:	N female

Mechanical Specifications

Length:	96 in. (2438 mm)
Width:	13 in. (330 mm)
Depth:	8.0 in. (203 mm)
Weight:	62 lb. (28 kg)
Rated Wind Vel:	125 mph (200 km/h)
Hor Thrust:	538 lb. (244 kg)
Mech tilt:	0 - 6 degrees
Mounting Pipe:	1.75 - 4.5 in. (44.5 - 114 mm)

Material Specifications

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



Antenna Patterns

