

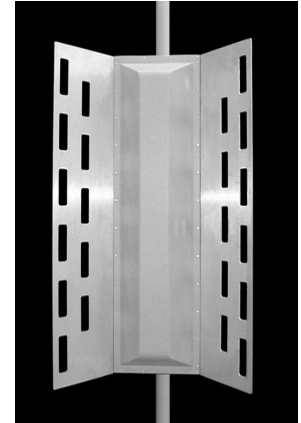
Details

806-896, 824-896, 890-960 MHz

The TA-803-33 sector is a fixed pattern version of the TA-803 adjustable sector. It is enclosed in an aluminum base and has an ASA UV stabilized radome for superior performance. Extremely low side lobes and up to 15 degrees of mechanical downtilt make this antenna very useful for narrow coverage applications such as CDMA systems where interference between sites can be a particular problem.

Electrical Specifications

Freq Range:	806-896, 824-896, 890-960 MHz
Gain:	15 dBd
VSWR:	1.5:1 max. 1.35:1 typical
Front Back:	30 dB min.
Pol:	vertical
Power:	500 Watts
H Plane BW:	33 degrees
E Plane BW:	18 degrees
Electrical Downtilt:	0°, 4°, 6°, 8°, 9°, 10°, 12°, 14°, 18°
X Pol:	20 dB min.
Imp:	50 ohms nominal
Termination:	N female (7/16 optional)



Mechanical Specifications

Length:	48 in. (1220 mm)
Width:	29.6 in. (751.8 mm)
Depth:	12 in. (305 mm)
Weight:	43 lb. (19.5 kg)
Rated Wind Vel:	125 mph (200 km/h)
Hor Thrust:	580 lb. (263 kg)
Mech tilt:	0 - 15 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:	EDZ steel

Antenna Patterns

