

**Details**

**3300-3600 MHz**

The TA-3302H-8-90 is a horizontally polarized 90 degree sectoral antenna designed to comply with the ETSI EN 302 085 V1.1.2 Section 6.2 CS3 standard. The antenna consists of a printed dipole array enclosed in an aluminum base with a UV stabilized radome for superior weatherability. The antenna is at DC ground to aid in lightning protection.

**Electrical Specifications**

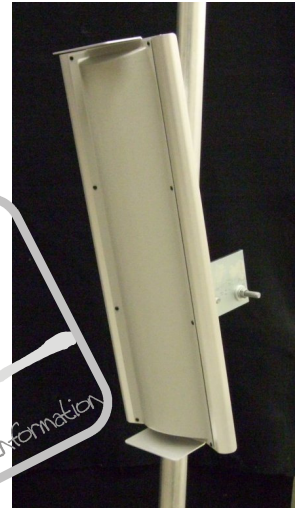
<b>Freq Range:</b>	3300-3600 MHz
<b>Gain:</b>	14 dBi
<b>VSWR:</b>	1.5:1
<b>Front Back:</b>	ETSI CS3
<b>Pol:</b>	Horizontal
<b>Power:</b>	25 watts
<b>H Plane BW:</b>	9 degrees
<b>E Plane BW:</b>	90 degrees
<b>X Pol:</b>	ETSI CS3
<b>Imp:</b>	50 ohms nominal
<b>Termination:</b>	N female

**Mechanical Specifications**

<b>Length:</b>	23.8 in. (604.5 mm)
<b>Width:</b>	9.4 in. (238.8 mm)
<b>Depth:</b>	2.75 in. (69.8 mm)
<b>Weight:</b>	4.5 lb. (2.0 kg)
<b>Rated Wind vel:</b>	125 mph (200 km/h)
<b>Hor Thrust:</b>	96 lb. (43.5 kg)
<b>Mech tilt:</b>	0 - 20 degrees
<b>Mounting Pipe:</b>	0.75 - 3.0 in. (19 - 76 mm)

**Material Specifications**

<b>Radiating Elements:</b>	Plated Copper on PCB
<b>Reflector:</b>	Irridited aluminum
<b>Radome:</b>	Gray UV stabilized ASA
<b>Clamps:</b>	Aluminium and stainless steel



**Antenna Patterns**

