

### Details

902-928 MHz

The TA-926H-8-90 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

<b>Freq Range:</b>	902-928 MHz
<b>Gain:</b>	13 dBi
<b>VSWR:</b>	1.5:1 max.
<b>Front Back:</b>	15 dB min
<b>Pol:</b>	Horizontal
<b>Power:</b>	200 watts
<b>H Plane BW:</b>	11°
<b>E Plane BW:</b>	90°
<b>Electrical Downtilt:</b>	0°
<b>X Pol:</b>	20 dB min
<b>Imp:</b>	50 ohms nominal
<b>Termination:</b>	N female

#### Mechanical Specifications

<b>Length:</b>	76 in. (1930 mm)
<b>width:</b>	13.5 in (343 mm)
<b>Depth:</b>	8 in. (203 mm)
<b>weight:</b>	48 lb. (21.8 kg)
<b>Rated Wind Vel:</b>	125 mph (200 km/h)
<b>Hor Thrust:</b>	445 lb. (202 kg)
<b>Mech tilt:</b>	0 - 7.5 degrees
<b>Mounting Pipe:</b>	1.75 - 4.5 in. (44.5 - 102 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>	EDZ steel



### Antenna Patterns

