

Details

902-928 MHz

The TA-926H-4-60 is a horizontally polarized 60 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: 902-928 MHz

Gain: 12.5 dBd

VSWR: 1.5:1 max.

Front Back: 20 dB min

Pol: Horizontal

Power: 200 Watts

H Plane BW: 17.5°

E Plane BW: 60°

X Pol: 20 dB min

Imp: 50 ohms nominal

Termination: N female

Mechanical Specifications

Length: 48 in. (1220 mm)

Width: 13.5 in (343 mm)

Depth: 8 in. (203 mm)

Weight: 25 lb. (11.3 kg)

Rated Wind Vel: 125 mph (200 km/h)

Hor Thrust: 280 lb, (127 kg)

Mech tilt: 0 - 13 degrees

Mounting Pipe: 1.75 - 4.0 in.(44.5 - 102 mm)

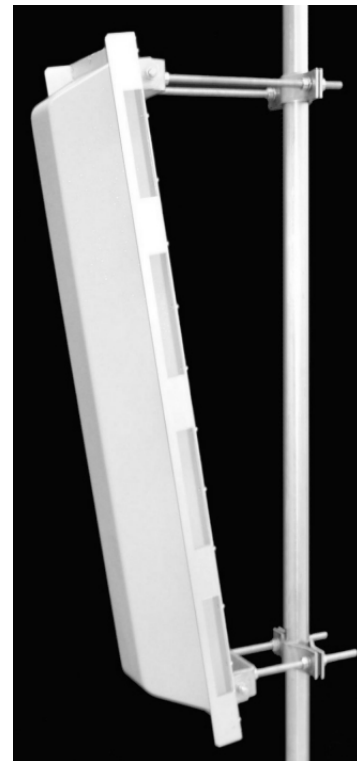
Material Specifications

Radiating Elements: Plated copper on PCB

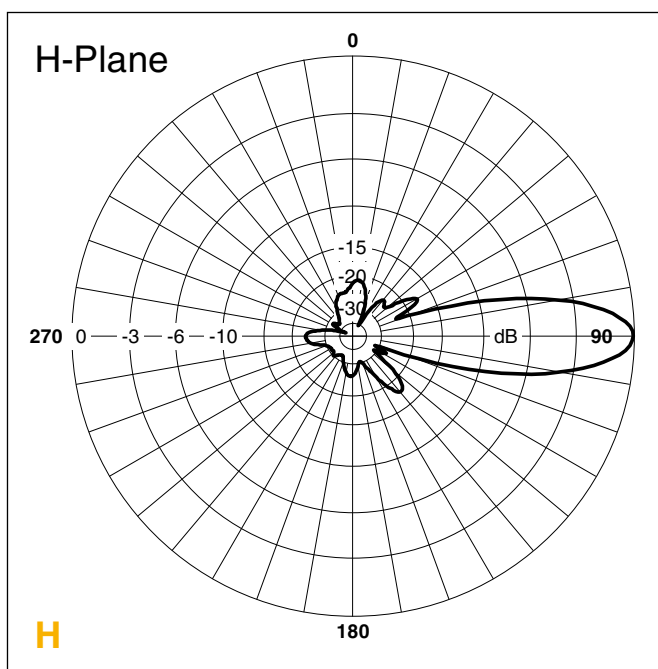
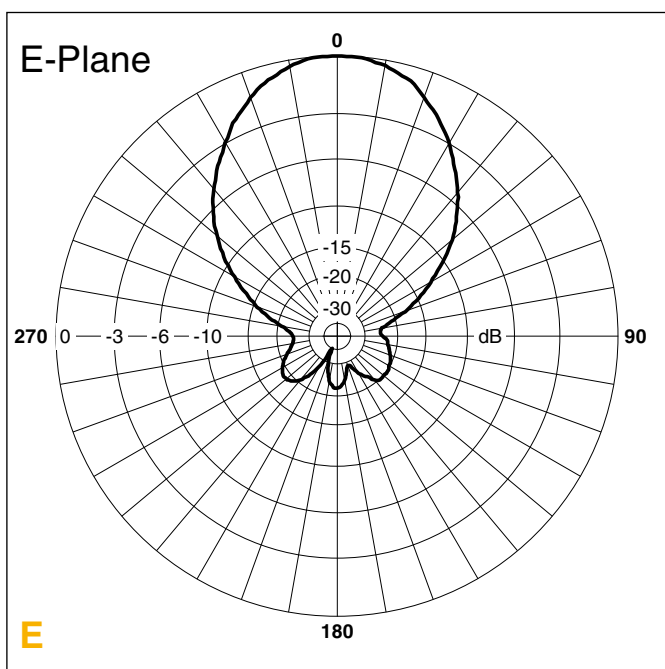
Reflector: Irridited aluminum

Radome: Gray UV stabilized ASA

Clamps: EDZ steel



Antenna Patterns



Details

902-928 MHz

The TA-926H-8-60 is a horizontally polarized 60 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: 902-928 MHz

Gain: 15.5 dBd

VSWR: 1.5:1 max.

Front Back: 20 dB min

Pol: Horizontal

Power: 200 Watts

H Plane BW: 60°

E Plane BW: 11°

Electrical Downtilt: 0°

X Pol: 20 dB min

Imp: 50 ohms nominal

Termination: N female

Mechanical Specifications

Length: 76 in. (1930 mm)

Width: 13.5 in (343 mm)

Depth: 8 in. (203 mm)

Weight: 48 lb. (21.8 kg)

Rated Wind Vel: 125 mph (200 km/h)

Hor Thrust: 445 lb, (202 kg)

Mech tilt: 0 - 7.5 degrees

Mounting Pipe: 1.75 - 4.5 in.(44.5 - 102 mm)

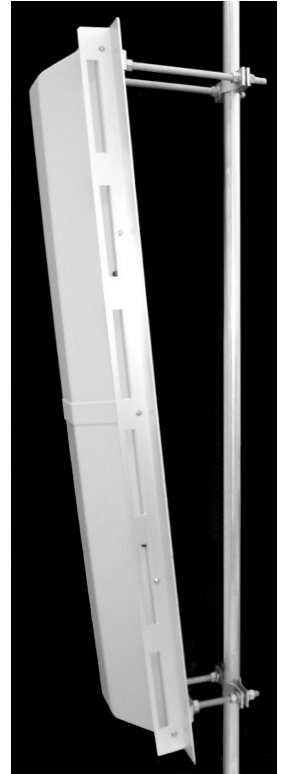
Material Specifications

Radiating Elements: Plated copper on PCB

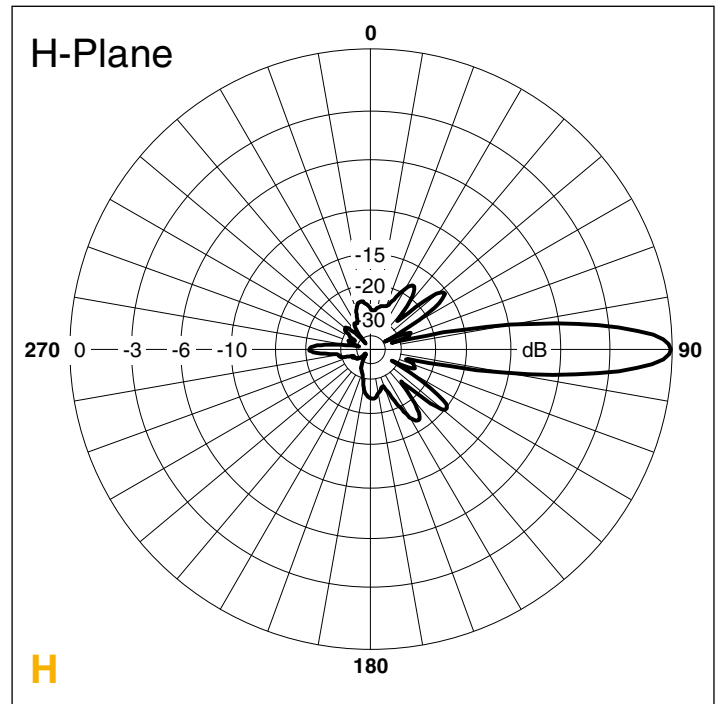
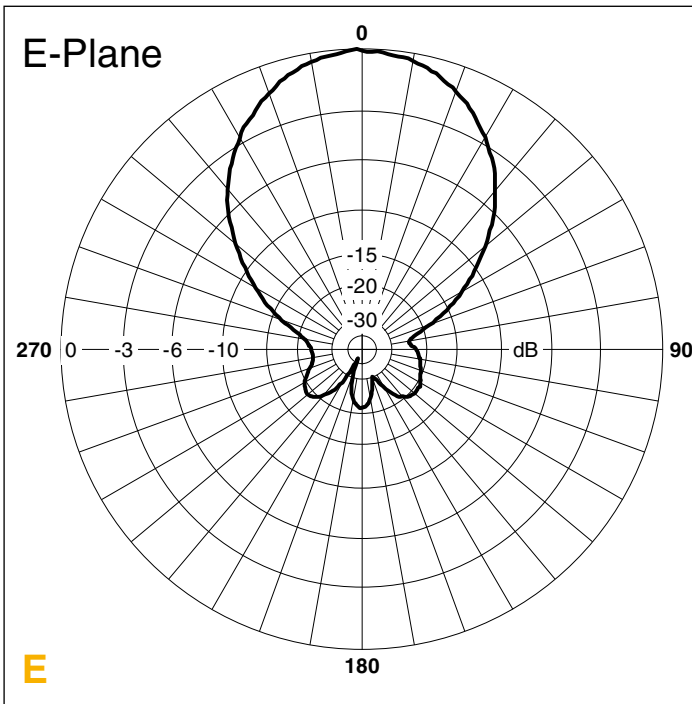
Reflector: Irridited aluminum

Radome: Gray UV stabilized ASA

Clamps: EDZ steel



Antenna Patterns



Details

902-928 MHz

The TA-926H-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: 902-928 MHz

Gain: 10 dBd

VSWR: 1.5:1 max.

Front Back: 15 dB min

Pol: Horizontal

Power: 200 Watts

H Plane BW: 19°

E Plane BW: 85°

X Pol: 20 dB min

Imp: 50 ohms nominal

Termination: N female

Mechanical Specifications

Length: 48 in. (1220 mm)

Width: 13.5 in. (343 mm)

Depth: 8 in (203 mm)

Weight: 25 lb. (11.3 kg)

Rated Wind Vel: 125 mph (200 km/h)

Hor Thrust: 280 lb. (127 kg)

Mech tilt: 0 - 13 degrees

Mounting Pipe: 1.75 - 4.0 in. (44.5 - 102 mm)

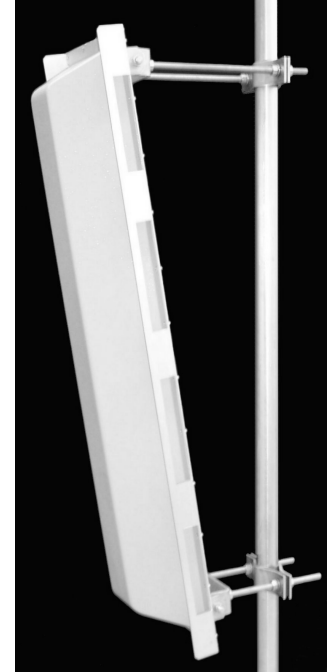
Material Specifications

Radiating Elements: Plated copper on PCB

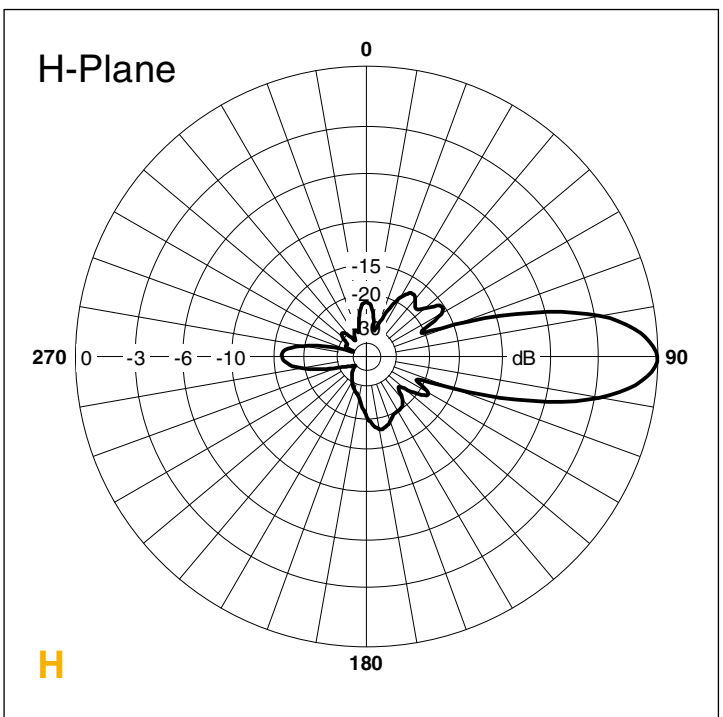
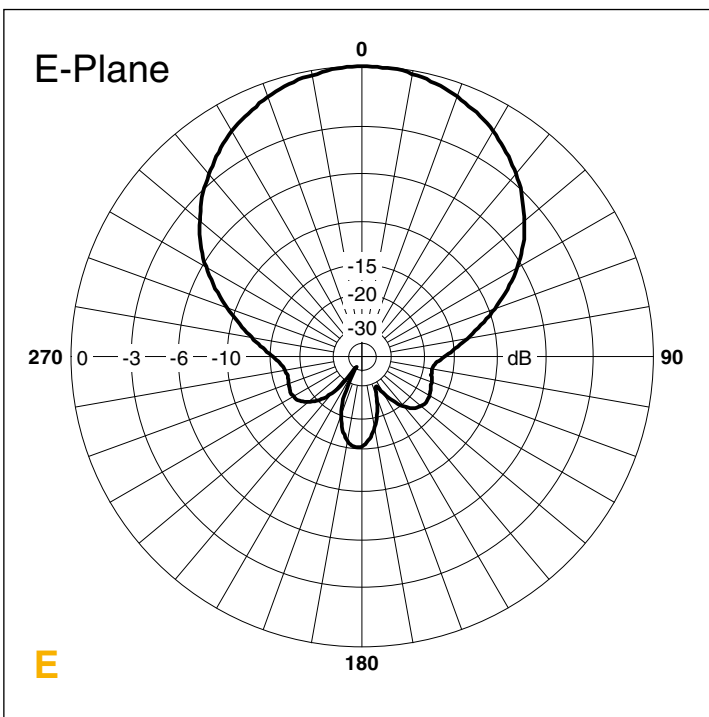
Reflector: Irridited aluminum

Radome: Gray UV stabilized ASA

Clamps: EDZ steel



Antenna Patterns



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

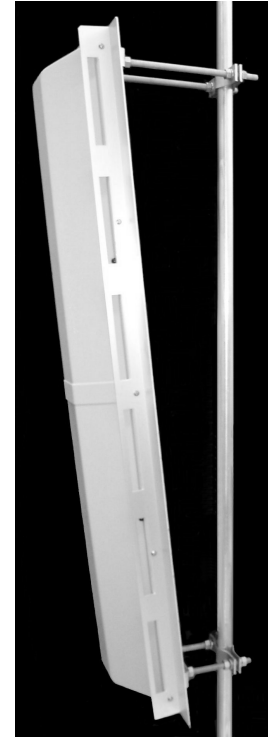
Freq Range:	902-928 MHz
Gain:	13 dBd
VSWR:	1.5:1 max.
Front Back:	15 dB min
Pol:	Horizontal
Power:	200 Watts
H Plane BW:	90 °
E Plane BW:	11°
Electrical Downtilt:	0°
X Pol:	20 dB min
Imp:	50 ohms nominal
Termination:	N female

Mechanical Specifications

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

Material Specifications

Radiating Elements:	Plated copper on PCB
Reflector:	Irridited aluminum
Radome:	Gray UV stabilized ASA
Clamps:	EDZ steel



Antenna Patterns

