

SA11-90-0.6VH/2178

Dual Polar Sector Antenna

Provisional Specification



The most important thing we build is trust

Key Features

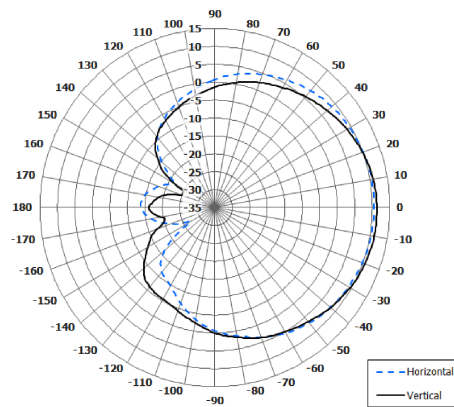
90° Coverage

Vertical & Horizontal Polarisation

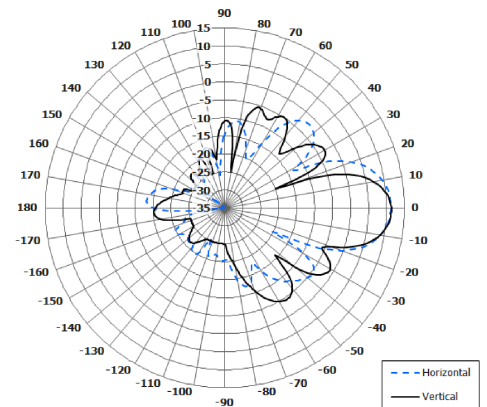
Rugged UV Stable

Low Wind Loading

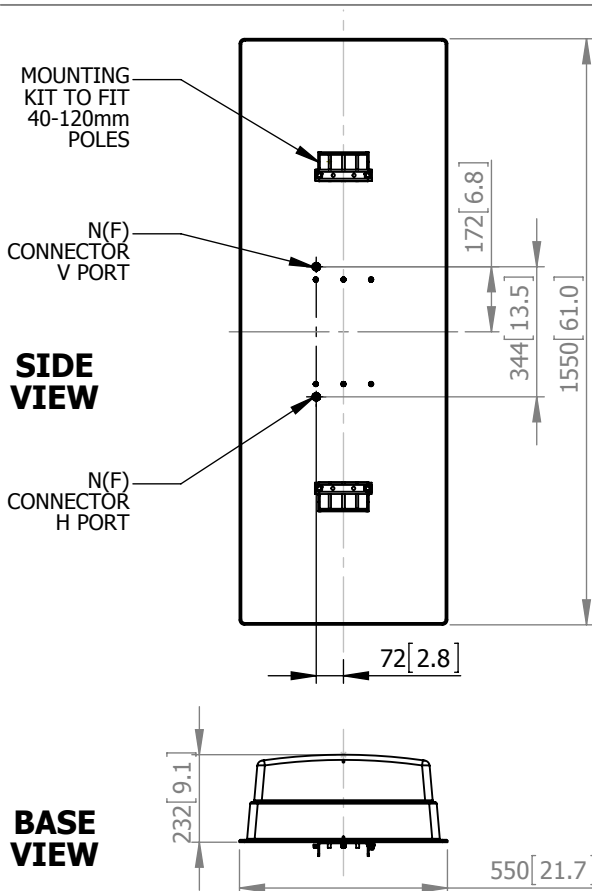
Used in UHF "White-Space"



Azimuth Polar Plot
Showing Both Polarisations



Elevation Polar Plot
Showing Both Polarisations



ELECTRICAL

Frequency:	470 - 698 MHz
Gain:	11 dBi Typ.
Polarisation:	Dual Linear (Vertical & Horizontal)
Beamwidth:	90° (Az) x 20° (El) Approx.
Cross Polar:	20 dB
VSWR:	2:1 Max.
Power Rating:	100 W
Front to Back:	20 dB Min.
Electrical Tilt:	0°
Isolation:	25 dB Min.

MECHANICAL

Standard Finish:	White, UV Stable Radome
Mass:	17.5 Kg / 38.58 lbs
Temperature:	-40° to +60°C
Wind Loading:	138 Kg / 304 lbs @ 100 mph

MOUNTING OPTIONS

Kits Available: MK14
See Separate Data Sheets

GA: 2178-A Issued: 19.05.14

European Antennas Limited trading as Cobham Antenna Systems, Microwave Antennas

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