



# Specification Sheets

## Zone 2 Antenna Specification Table (Mechanical Performance)

Reflector Material		Steel
Antenna Optics		Offset Prime Focus
Mount Type		Elevation over Azimuth
Elevation Adjustment Range		0° to 50°
Azimuth Adjustment Range		360°
Wind Loading	Operational	100km/H
	Survival	200km/H
Temperature		-50 to 80°C
Humidity		0 to 100% Condensation
Atmosphere		Salt, Pollutants and Contaminants encountered In coastal and Industrial areas
Solar Radiation		1120 W/m <sup>2</sup>
Shock & Vibration		As encountered during shipping and handling
Wall mount supplied		Basic L tube type
Mast Pipe Interface		31 - 38mm

## Zone 2 Antenna Specification Table (Electrical Performance)

Antenna Part Number		Zone 2 S62
Antenna Dimensions		76CM x 57CM
Operating Frequency	RX	10.70 – 12.75GHz
Polarisation		Linear
Gain (min) @ 10.7 GHz		34.5dBi
Gain (min) @ 11.7 GHz		35.0dBi
Gain (min) @ 12.75 GHz		35.5dBi
3dB Beamwidth ( Max ) @10.75 GHz		2.4°
3dB Beamwidth ( Max ) @11.7 GHz		3.2°
Sidelobe Envelope ( Tx Co-Pol dBi )		
Antenna Cross-Polarisation		>26 Db on axis > 21 Db elsewhere