

**698 – 2700 MHz**  
**Sector Antenna (Dual Polarized)**  
**For Wireless Communications**

**Model: VS-AN-SEC-OD-698270**

### Electrical Specification

Frequency Range	698 - 960 & 1710-2700 MHz
Gain	12 dBi
VSWR (Max.)	≤ 2.0
Input Impedance	50 Ω
Polarization	Dual X-Poln (±45°)
Port to Port Isolation	>26 dB
H Plane Beam Width	65° ± 5° @ Both FR
E Plane Beam Width	35° ± 5° @ Both FR
Maximum Power Input	100 W
Front to Back Ratio	>20 dB
Cross Poln.	>18 dB
Connector / Termination	2 x N (Female)

### Mechanical Parameters

Dimension	750 x 300 x 110 mm
Weight	6 Kg
Radome	UV Stabilized ABS
Mounting Style	Tower and Pole
Support Pole Diameter	Ø2 inch

### Environmental Parameters

Temperature Range	-40 to +70°C
Wind Speed	200 Km / Hr
Humidity	95% No Condensation
Shock	QM 333, Category D.
Vibration	QM 333, Category D.
Water Protection	IP 65
Environmental Protection	QM 333, Category D.
RoHS / WEEE Comply	Complied.

