



VPD70 Directional LTE Antenna

The benefits of high gain directional antenna VPD70 is for people who have low signal levels or live on the fringe of network coverage and do want a discreet antenna. The VPD70 has a unique mechanical design where it can be wall or pole installed easily. The optimal design make it rotatable in several positions without reduce the coverage performance. The VPD70 is optimized for 2G/3G/4G and NB – IoT.

- Discreet design
- Band coverage: 698-960MHz and 1710-2690MHz
- Extra electrical isolation according to SS-EN61010
- IP44

Specifications

Electrical

Frequency band	698-960MHz	1710-2690MHz
VSWR	< 2.5:1	< 2.5:1
Peak gain (typical)	4.5 dBi	5.5 dBi
3dB Beamwidth (vertical)	70° - 80°	45° - 60°
3dB Beamwidth (horizontal)	110° - 130°	75° - 95°
Impedance	50Ω	
Composite power (ambient temp. of 25°C)	20W	

Mechanical

Dimensions (L x Ø)	270 x 110mm
Connector	SMA(m)
Weight	600g (including metal bracket)
Material	Radome: ABS, Bracket: Stainless Steel, Top/Bottom:PP
Color	Grey (RAL7035)
Installation	Mounting bracket, wall or pole mount
IP class	IP44
Temperature	Storage / Operating -40°C to +85°C

Other

This part is RoHS compliant

Smarteq reserves the right to change specifications without prior notice.