

Dual Polarised Dual-Band Antenna GSM900/XP/72/15/2-6 VET TYPE 5101

DRAFT DATASHEET

- ❑ INDEPENDENT VARIABLE ELECTRICAL DOWNTILT (VET)
- ❑ TWO PORTS
- ❑ POLE AND WALL MOUNTING BRACKETS WITH PAN CAPABILITY

The dual-polarised 5101 antenna offers VET capability for improved network optimisation. The antenna has pole and wall mounting brackets that allows both downtilt and panning capability.

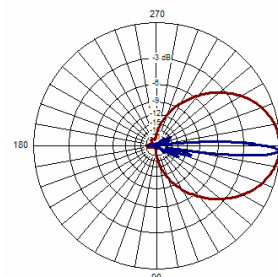
Superior circuit design coupled with advanced manufacturing techniques guarantee consistent product quality, with excellent intermodulation performance, product quality & performance.

ELECTRICAL SPECIFICATIONS

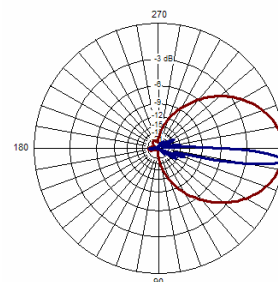
Frequency	870-960MHz
Gain	15dBi
VSWR	1.4:1 max
Horizontal Beamwidth	72°
Vertical Beamwidth	9°
Polarisation	+45° and -45°
Variable Electrical Downtilt	2-6°
Upper Sidelobe Suppression	>16dB
Front-to-Back Ratio	>20dB
Isolation Between Ports	>28dB
Isolation Between Bands	>30dB
Power Rating	200W
Impedance	50Ω
Lightning Protection	DC grounded

MECHANICAL SPECIFICATIONS

Connectors	2 x 7/16 DIN female
Dimensions (LxWxD)	2340 x 239 x 171 mm
Wind Loading (Rear)	957N @ 45m/s (Antenna) 1116N @ 45m/s (Antenna + ASC Enclosure)
Operational Wind Speed	45m/s
Survival Wind Speed	56m/s
Weight	21kg (Antenna)
Temperature	-55° to +70°C
Bracket Size	To suit pole 48-115mm
Bracket	Downtilt 0-10° in 2° steps, Pan 30° in 10° steps



2 Degree



6 Degree

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Inotek Antennas reserve the right to vary in detail from the description and specification in this publication. Issue: 01/09