



AUTOROUTER PANEL ANTENNA KIT

Panel Array for Motorway Applications

380-430 MHz

65° & 90° Sector
Vertically or Cross Polarised
Complete or Dedicated bandwidth
Digital PMR Applications
UV Resistant ABS Radome



The Autorouter Panel Antenna Kit is a vertically or cross-polarised digital PMR antenna system designed to provide Motorway coverage. It consists of two 65-degree panel antennas or two 90-degree panel antennas placed back to back with a full clamp assembly and matching harness. The antenna provides excellent performance in exceptionally confined space frames reducing visual impact making them extremely suitable for environmentally sensitive locations. We offer cumulative radiation patterns on request.

Electrical Specifications	VP 65deg	VP 90deg	XP 90 deg
Frequency Band	380-430MHz	380-430 MHz	380-430 MHz
Bandwidth	50 MHz	50 MHz	50 MHz
Gain of each individual antenna	9.4dBd	8.1dBd	10.6 dBd
VSWR	1.5:1	1.5:1	1.5:1
Front to Back Ratio	19db	18db	16-20db
Power Rating	250 Watts	250 Watts	250 Watts
H-Plane Beamwidth	Ask for the cumulative radiation patterns		
Impedance	50 Ω		
Mechanical Specifications			
Width (individual antenna)	400mm	400mm	320mm
Height (individual antenna)	1050mm	1050mm	1920mm
Depth (individual antenna)	170mm	170mm	150mm
Connector(s)	7/16 DIN Female		
Rated Wind Velocity	193 km/h		
Mounting	2x Clamp Kit 9640588 included		
Matching Harness	1 (included)	1 (included)	2 (included)
Materials			
Radiating Elements	Copper		
Radome	UV resistant-ABS		
Reflector	Aluminium Alloy		
Radome Colour	Grey		



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