TETRA low profile antenna 380..430MHz

DESCRIPTION

- An omnidirectional, low profile, fully shrouded UHF antenna for indoor or vehicle roof applications.
- Although designed to be installed on a metal surface, good performance can also be achieved on non-metallic surfaces.
- The antenna is usertuned by adjusting a screw under the base to achieve best performance at the operating frequency.
- This antenna is supplied with 5m coaxial cable with no connector on the end. Please order the desired connector style separately.
- Former Jaybeam brand product.



SPECIFICATIONS

Electrical	
Model	MA100PQ01
Frequency	380..430 MHz (Adjust tuning screw for centre frequency)
Max. Input Power	20 W
Polarisation	Vertical
3 dB Beamwidth, E-Plane	80 °
3 dB Beamwidth, H-Plane	Omnidirectional
Impedance	50 Ω
Gain	0dBd / 2.2dBi
VSWR	< 1.5:1
In iBwave	Yes

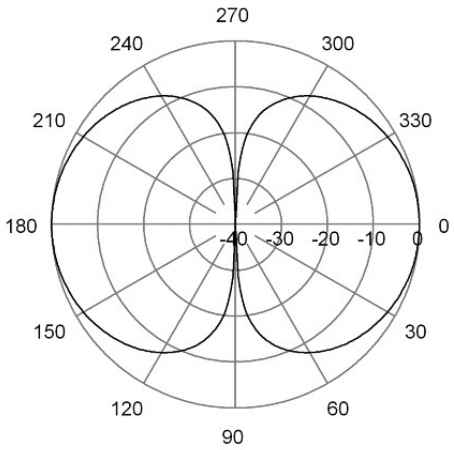
Mechanical	
Connection(s)	No connector** + 5m of RG58 cable
Materials	Radome, black polypropylene Base, aluminium
Dimensions	178 x 35 mm / 7.0 x 1.4 in.
Weight	Approx. 0.45 kg / 0.99 lb.
Mounting	8 x 3.3 mm dia. holes in base plate provided for mounting.

Environmental	
Operating Temperature Range	-30 °C to +60 °C

ORDERING

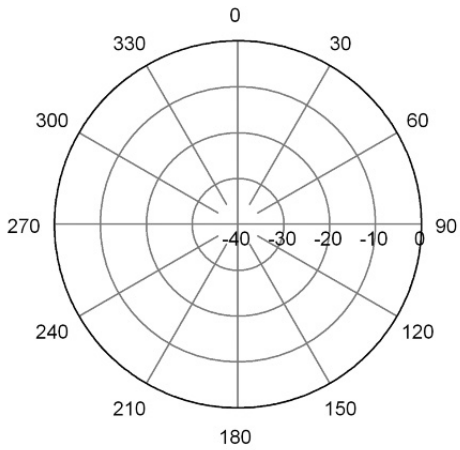
Model	Product No.	Frequency
TETRA low profile antenna 380..430MHz	MA100PQ01	380 - 430 MHz

RADIATION PATTERNS



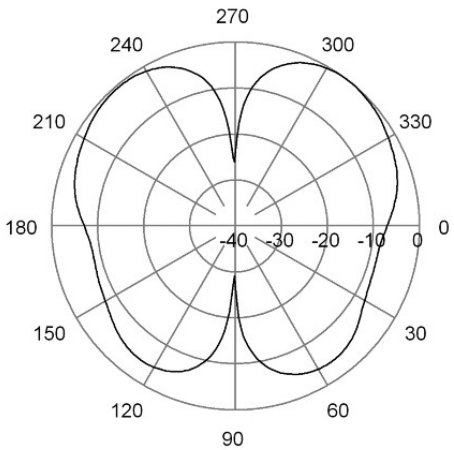
E-Plane | 405 MHz

RADIATION PATTERNS



H-Plane | 405 MHz

RADIATION PATTERNS



E-Plane | 405 MHz | Metallic Surface