

OMNIDIRECTIONAL BASE STATION Antenna for 900 MHz EGSM

OMNI 900 6 dBi / FME-f

Electrical Data:

Type:	Colinear Dipole Array
Frequency Range:	880-960 MHz for EGSM band
Impedance:	50 Unbalanced
Polarization:	Linear Vertical
Gain:	6 dBi
3 dB Beamwidth Vertical:	E-plane 18° at 920 MHz
Beamwidth Horizontal:	H-plane 360° Omnidirectional
V.S.W.R. in Bandwidth:	1.6:1
Max Power:	20 Watts (CW) at 50° C
Lightning protection:	DC-ground
Cable / Connection:	5 m RG 58 C/U N-Female

Mechanical Data:

Housing Materials:	Stainless Steel, Brass, PCB
Radome Material:	White Fibreglass
Wind Load / Resistance:	35 N at 150 Km/h / 120 Km/h
Wind Surface:	0.03 m ²
Height (approx.):	1045 mm
Weight (approx.):	950 gr
Operating Temperature:	-20° C to +80° C

