

BM2-7G Series

VHF 150 MHz 6.5 dBd Omni Base Station Antenna

- High gain omnidirectional VHF antenna for professional use
- Full omni-directional radiation pattern
- See order details for different models
- Two section for easier transport and installation
- Customer specified frequency in X version
- No groundplane needed

ELECTRICAL SPECIFICATIONS

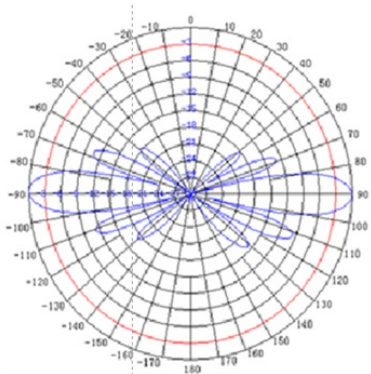
Frequency	138 - 146 MHz, 142 - 150 MHz, 146 - 154 MHz, 148 - 156 MHz, 150 - 158 MHz, 152 - 160 MHz, 154 - 162 MHz, 156 - 164 MHz, 158 - 166 MHz, 160 - 168 MHz, 163 - 171 MHz, 166 - 174 MHz, 138-174 MHz (-0/-1/-2/-3/-4/-5/-6/-7/-8/-9/-10/-11/-X)
Bandwidth	8 MHz
Antenna Type	Two section co-linear high gain antenna
Impedance	50 Ohm
V.S.W.R	<1.5:1
Polarisation	Vertical
Gain	6.5 dBd, 8.6 dBi
Half Power Beamwidth	14°
Electrical Beam-Tilt	0°
Max. Input Power	100 W



Datasheet

MECHANICAL SPECIFICATIONS

Color	White and silver
Length	4.7 m (two parts)
Weight	5.16 kg
Mount Type	Mast Mounting Bracket (included)
Mounting Place	On mast (Ø 40- 50 mm, vertical)
Materials	Fibreglass, brass, PE, stainless steel
Survival Wind Speed	41.5 m/s
Operating Temperature	-50°C to +70°C
Connector	N-female
Serial No.	On product label



ORDERING INFORMATION

BM2-7G-0	138 - 146 MHz
BM2-7G-1	142 - 150 MHz
BM2-7G-2	146 - 154 MHz
BM2-7G-3	148 - 156 MHz
BM2-7G-4	150 - 158 MHz
BM2-7G-5	152 - 160 MHz
BM2-7G-6	154 - 162 MHz
BM2-7G-7	156 - 164 MHz
BM2-7G-8	158 - 166 MHz
BM2-7G-9	160 - 168 MHz
BM2-7G-10	163 - 171 MHz
BM2-7G-11	166 - 174 MHz
BM2-7G-X	Customer defined center frequency

PACKAGING INFORMATION

Type	Individually packing in Carton box
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