# Datasheet

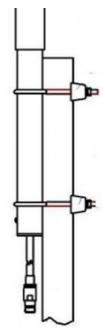
# **BM2-7G Series**

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°
Max. Input Power	100 W



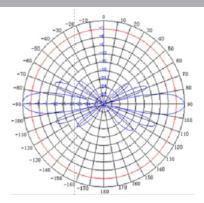
SCAN ANTENNA A/S | LITERBUEN 15 | 2740 SKOVLUNDE | DENMARK | +45 +454333 1620 Disclaimer: Here you find all products for a complete antenna system. One-stop supplier with focus on high quality products produced in EU. No matter which type of antenna you are searching for, you will find it here. Every effort has been made to ensure the accuracy of the information in this product sheet. Scan Antenna reserves the right to introduce changes to this information without notice. All rights reserved.

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# Scan-Antenna®

# 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

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### PACKAGING INFORMATION

Туре

Individually packing in Carton box

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