

Broad-Banded, Antistatic Ground-Plane Antenna for the 80 MHz Band

DESCRIPTION

- GP 80 B/ is a broad-banded ground-plane antenna of the triple-leg type.
- The 80 MHz-band is covered by 3 models covering the following frequency segments: 66 - 78 MHz, 71 - 83 MHz and 76 - 88 MHz.
- Atmospheric discharges are immediately led to ground, as all metal parts are DC-connected. Consequently, the antenna shows a DC-short across the coaxial cable.
- GP 80 B/... is made from corrosion-resistant aluminium, which together with a special anodizing process gives this antenna a very long lifetime.
- LW-SS-1" mounting bracket and GP Adapor is available as accessories.

SPECIFICATIONS

Electrical	
Model	GP 80 B/
Frequency	Models within 66 - 88 MHz (see model survey)
Antenna Type	Ground-plane, broad-banded
Max. Input Power	600 W
Polarisation	Vertical
Pattern Type	Omnidirectional
3 dB Beamwidth, H-Plane	Omnidirectional
Impedance	50 Ω
Gain	0 dBd (2.2 dBi)
VSWR	< 1.6:1
Bandwidth	12 MHz
Antistatic Protection	All metal parts DC-grounded (Connector shows a DC-short)

Mechanical	
Connection(s)	0.5 m tail of RG 213 terminated with an N-female connector
Materials	Black anodized, corrosion-resistant aluminium
Colour	Black
Wind Area	0.101 sq. m / 1.09 sq. ft
Wind Load	128 N (160km/h)

ORDERING

Model	Product No.	Frequency
GP 80 B/l	100000065	66 - 78 MHz
GP 80 B/m	100000064	71 - 83 MHz
GP 80 B/h	100000063	76 - 88 MHz
LW-SS-1"	110000394	
GP Adaptor	100000679	



DIAGRAM

TYPICAL SWR - CURVE

