

Broad-banded, Antistatic Ground-Plane Antenna for the 160 MHz Band

DESCRIPTION

- GP 160 B is a broad-banded, 0 dBd, ground-plane antenna of the triple-leg type.
- The antenna is fully universal as it covers the complete band: 145 - 175 MHz.
- Atmospheric discharges are immediately led to ground, as all metal parts are DC-grounded. (Consequently, the antenna shows a DC-short across the coaxial cable).
- GP 160 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 Adaptor is available as accessories.



SPECIFICATIONS

Electrical	
Model	GP 160 B
Frequency	Covering : 145 - 175 MHz
Antenna Type	Ground-plane, broad-banded
Max. Input Power	1000 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	30 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	0.046 sq. m / 0.50 sq. ft
Wind Load	58 N (160 km/h)
Height	Approx. 720 mm / 28.35 in.
Weight	Approx. 1.5 kg / 3.31 lb.
Mounting	On 38 mm / 1.50 in. dia. mast tube
Environmental	
Operating temperature range	-35 °C to +70 °C

ORDERING

Model	Product No.
GP 160 B	100000107
Accessories	
LW-SS-1"	110000394
GP Adaptor	100000679

TYPICAL GAIN AND VSWR CURVE

