

GP 80

¼ λ Glass fibre Ground-Plane Antenna for the 80 MHz Band

- The radiator is measured from its free end to the bottom of the black insulator, while the radials are measured from their free ends to where they meet the GP-head.
- GP 80 is a glass fibre ground-plane antenna of the triple-leg type.
- The antenna is tunable (by cutting) within its main frequency band: 66...88 MHz but is further applicable up to 150 MHz.

DESCIPTION

- The cutting diagrams on the diagrams tab indicate the length of the radiator and the radials corresponding to a specific frequency. It is recommended to use the curves as a guide and fine-tune using an SWR-meter.
- The antenna comprises a brass GP-head, one glassfiber radiator and three glass fibre radials.
- GP 80 is made of first-class materials and will endure “wear and tear” for years – no maintenance required.
- LW-SS-1" mounting bracket and GP Adapor is available as accessories.

SPECIFICATIONS

ELECTRICAL	
MODEL	GP 80
ANTENNA TYPE	¼ λ triple-leg ground-plane
FREQUENCY	Tunable by cutting within: 66...88 MHz (Also applicable: 88...150 MHz)
IMPEDANCE	Nom. 50 Ω
RADIATION	Omnidirectional
POLARIZATION	Vertical
GAIN	2 dBi 0 dBd
BANDWIDTH	8 MHz (SWR < 2.0)
SWR	≤ 1.2 @ f. res.
MAX. POWER	1 kW
MECHANICAL	
CONNECTOR	UHF-female (fitting PL-259)
WIND SURFACE	0.043 m²
WIND LOAD	54 N @ 160 km/h
COLOUR	White (RAL 9003) / Bright chrome
MATERIALS	Elements: Glass fibre Metal parts: Bright chromed brass
TOTAL HEIGHT	Approx. 1.3 m
WEIGHT	Approx. 1.3 kg
MOUNTING	38 mm dia. mast tube (42 mm dia. as option, see note)

PLEASE NOTE

The GP 80 can be delivered with a GP-head for mounting on 42 mm dia. mast tube (standard is 38 mm) when ordering as option GP 80/42 mm.



ORDERING DESIGNATIONS

TYPE	PRODUCT NO.
GP 80	10000061
GP 80/42 mm	10000062
ACCESSORIES	
LW-SS-1"	110000394
GP Adaptor	100000679

CUTTING DIAGRAMS

