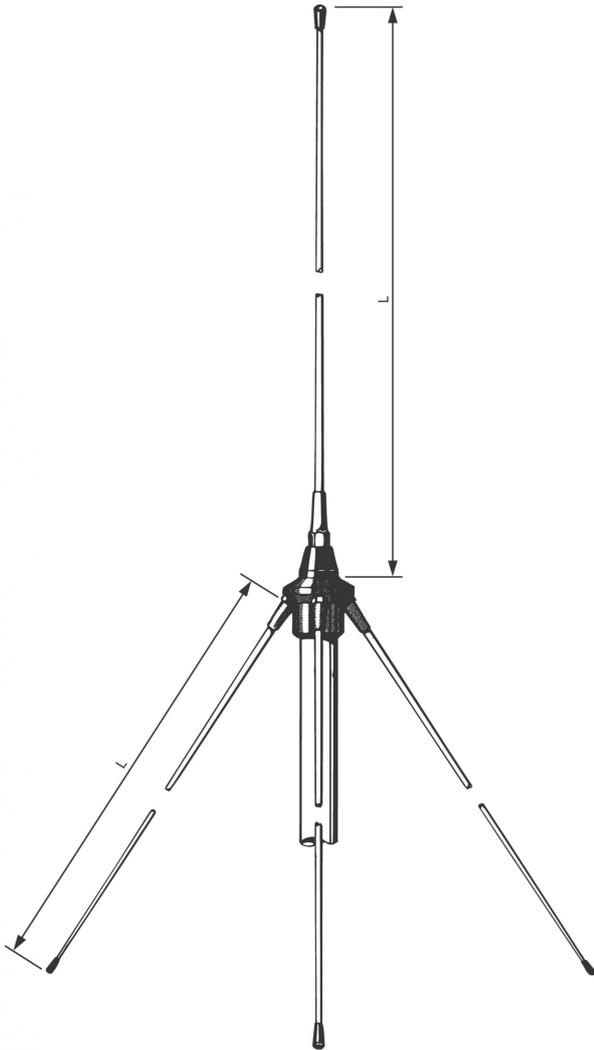


GP 80

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

DESCRIPTION

- 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.
- The cutting diagrams below 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.



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.

ORDERING DESIGNATIONS

TYPE	PRODUCT NO.
GP 80	10000061
GP 80/42 mm	10000062

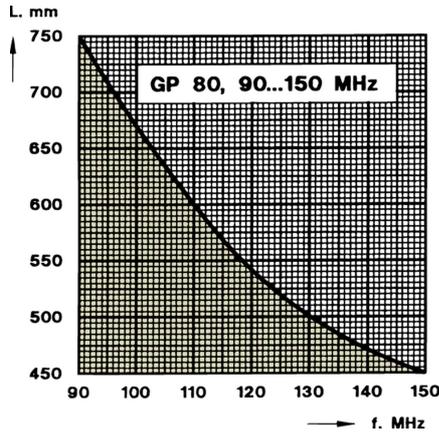
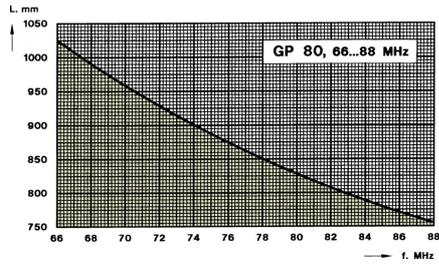
SPECIFICATIONS

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 m ²
WIND LOAD	54 N @ 160 km/h
COLOUR	White/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.

CUTTING DIAGRAMS



PROCOM France S.A.R.L. se réserve le droit d'améliorer les spécifications sans préavis.

21/09/11