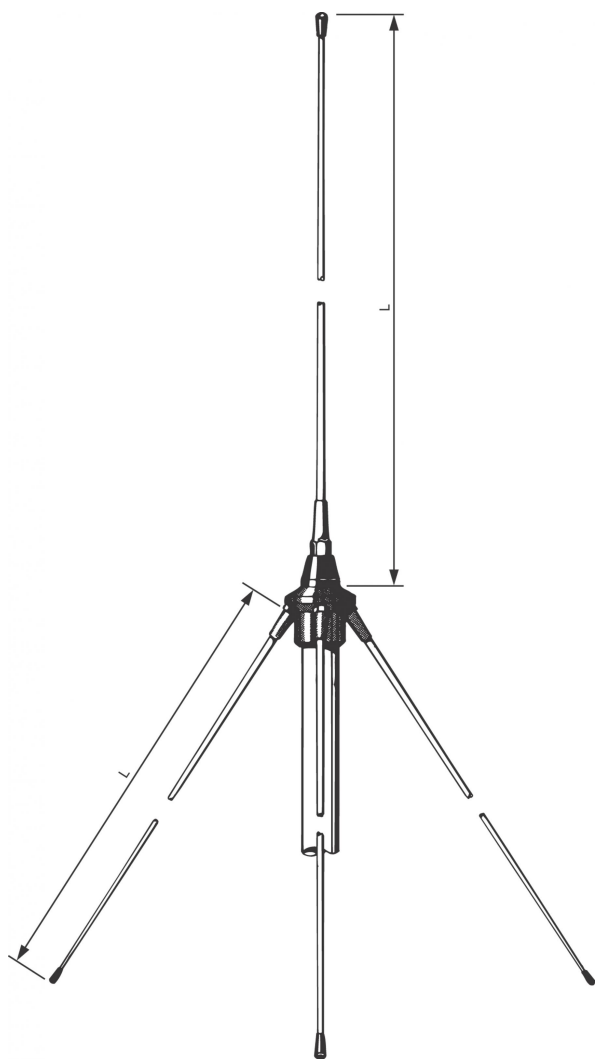


GP 40

¼ λ Glass fibre Ground-Plane Antenna for the 40 - 70 MHz Range

DESCRIPTION

- GP 40 is a glass fibre ground-plane antenna of the triple-leg type.
- The antenna is tunable (by cutting) within: 40...70 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 glass fibre radiator and three glass fibre radials.
- GP 40 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 40	100000165
GP 40/42 mm	100000167

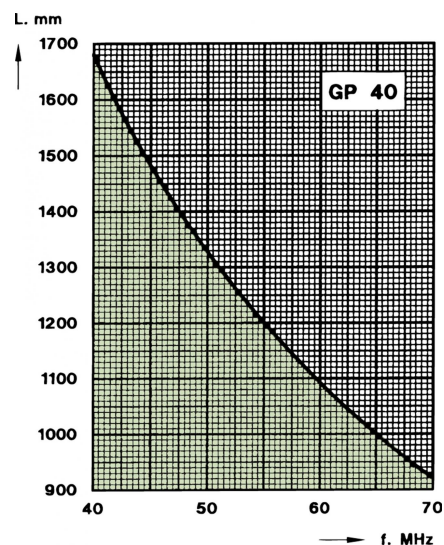
SPECIFICATIONS

ELECTRICAL	
MODEL	GP 40
ANTENNA TYPE	¼ λ triple-leg ground-plane
FREQUENCY	Tunable by cutting within: 40...70 MHz
IMPEDANCE	Nom. 50 Ω
RADIATION	Omnidirectional
POLARIZATION	Vertical
GAIN	2 dBi 0 dBd
BANDWIDTH	1.5 MHz @ 40 MHz (SWR ≤ 1.5) 3 MHz @ 70 MHz (SWR ≤ 1.5)
SWR	< 1.2 @ f. res.
MAX. POWER	1 kW
MECHANICAL	
CONNECTOR	UHF-female (fitting PL-259)
WIND SURFACE	0.075 m²
WIND LOAD	95 N @ 160 km/h
COLOUR	White/bright chrome
MATERIALS	Elements: Glass fibre Metal parts: Bright chromed brass
TOTAL HEIGHT	Approx. 3.2 m
WEIGHT	Approx. 1.6 kg
MOUNTING	38 mm dia. mast tube (42 mm dia. as option, see note)

PLEASE NOTE

The GP 40 can be delivered with a GP-head for mounting on 42 mm dia. mast tube (standard is 38 mm) when ordering as option GP 40/42 mm.

CUTTING DIAGRAMS



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

21/09/11