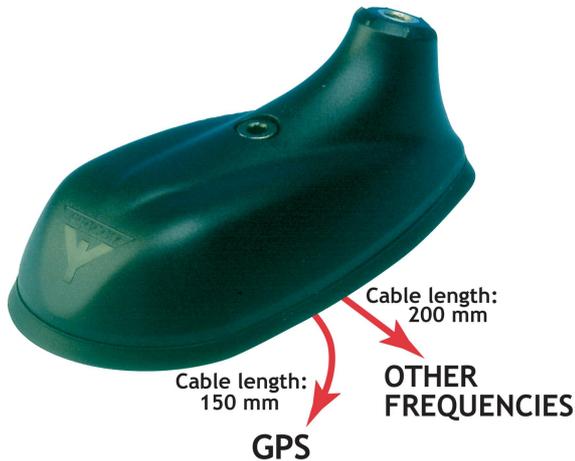


GPS-COMBI MOUNT

GPS mount for GPS Antennas for Other Frequencies

DESCRIPTION

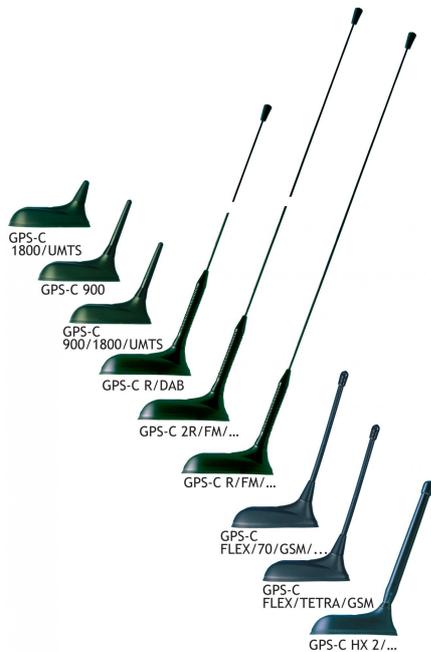
- GPS-antenna for fixed installations.
- External antenna whip mounted on the GPS-Combi mount.
- Full hemispherical coverage.
- Built-in high-gain, low-noise amplifier.
- **Right-Hand Circular Polarization (RHCP).**
- 5 V supply voltage (3 V respectively 12 V available on request).
- DC supply via RF-connector.
- Tools for mounting included.



See back of this page for complete application survey of Procom's wide range of GPS-C models.

ORDERING DESIGNATION

TYPE	PRODUCT NO.
GPS-COMBI MOUNT	132000003



TOOL



SPECIFICATIONS

ELECTRICAL GENERAL SPECIFICATIONS	
MODEL	GPS-COMBI MOUNT
ANTENNA TYPE	Active patch antenna
FREQUENCY	1575 MHz
IMPEDANCE	Nom. 50 Ω
POLARIZATION	Circular right-hand
COVERAGE	Hemispherical
GAIN	28 dBic in axial direction (typ.)
CROSS-POLARIZATION ATT.	> 10 dB (typ.)
SELECTIVITY	> 45 dB down @ \pm 45 MHz
BUILT-IN AMPLIFIER	
GAIN	> 30 dB (typ.)
NOISE FIGURE	< 1 dB (typ.)
P 1 dB	Approx. +7 dBm
SWR (output)	<2.0
SUPPLY VOLTAGE	5 \pm 0.5 VDC (3 V resp. 12 V on request)
CURRENT CONSUMPTION	Approx. 25 mA
MECHANICAL (ONLY FOR THE GPS-PART)	
MATERIALS	Cu-nite brass Stainless steel Reinforced thermoplastic
ANTENNA COLOUR	Black
TEMP. RANGE	-35° C \rightarrow +75° C
CONNECTOR	FME (male for GPS) + FME (female for mobile antenna)
RECOMMENDE INSTALL. TORQUE	4 \pm 0.5 Nm
DIMENSIONS (H x L)	Approx. 30 x 89 mm
ROOF THICKNESS	Max. 2.5 mm
WEIGHT	114 g
MOUNTING	\varnothing 18 mm dia. hole for roof thickness up to 2.0 mm \varnothing 18.5 mm dia. hole for roof thickness 2.0 - 2.5 mm Tools for mounting included

