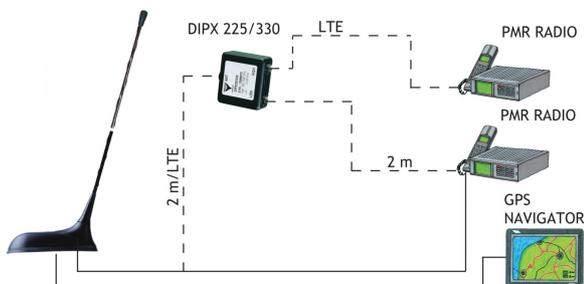


# GPS-C 150/LTE

GPS Antenna with Whip for the 150 MHz and 760-870 MHz Bands

## DESCRIPTION

- External antenna whip mounted on the GPS-Combi mount without amplifier.
  - Sturdy, general-purpose  $\frac{1}{4}$   $\lambda$  antenna in professional quality.
  - Easily removable whip for car wash.
- GPS-antenna for fixed installations.
  - Full hemispherical coverage.
  - Right-Hand Circularly Polarized antenna (RHCP).
- When ordering the antenna, please state the centre frequency on each band.
- DIPX 225/330 included.



## SPECIFICATIONS FOR WHIP

ELECTRICAL	
MODEL	GPS-C 150/LTE
ANTENNA TYPE	Mobile antenna
FREQUENCY	150-160 MHz 760-870 MHz
IMPEDANCE	Nom. 50 $\Omega$
POLARIZATION	Vertical
GAIN	150 MHz: Approx 0 dB (acc. to EIA RS-329-1) 800 MHz: Approx 0 dB (acc. to EIA RS-329-1)
BANDWIDTH	150 MHz: 10 MHz @ SWR < 2.5 800 MHz: 110 MHz @ SWR < 2.0
SWR	$\leq 1.5$ @ f.res. in both bands
MAX. POWER	35 W
MECHANICAL	
MATERIALS	Whip: Polyethylene covered copper thread / glass fibre Black-chromed brass
COLOUR	Black
HEIGHT	Approx. 375 mm
WEIGHT	28 g
MOUNTING	On the GPS-Combi mount

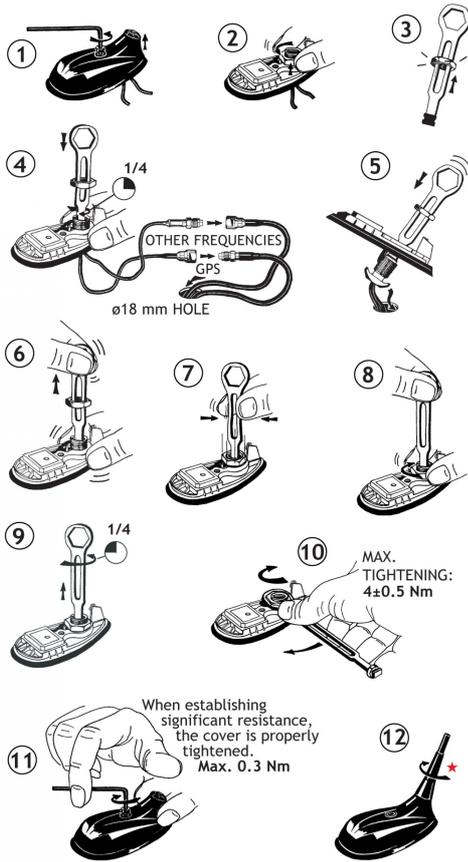
## ORDERING DESIGNATIONS

TYPE	PRODUCT NO.
GPS-C 162-174/851-869 MHz	132000168

## SPECIFICATIONS FOR GPS-COMBI MOUNT

MECHANICAL (ONLY FOR THE GPS-PART)	
MATERIALS	Cu-nite brass Stainless steel Reinforced thermoplastic
ANTENNA COLOUR	Black
TEMP. RANGE	-35° C $\leftrightarrow$ +75° C
CONNECTOR	FME (male for GPS)+ SMA (male for mobile antenna)
RECOMMENDED INSTALL. TORQUE	4 $\pm$ 0.5 Nm
DIMENSIONS (H x L)	Approx. 30 x 89 mm
ROOF THICKNESS	Max. 2.5 mm
WEIGHT	Approx. 114 g
MOUNTING	$\varnothing$ 18.0 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

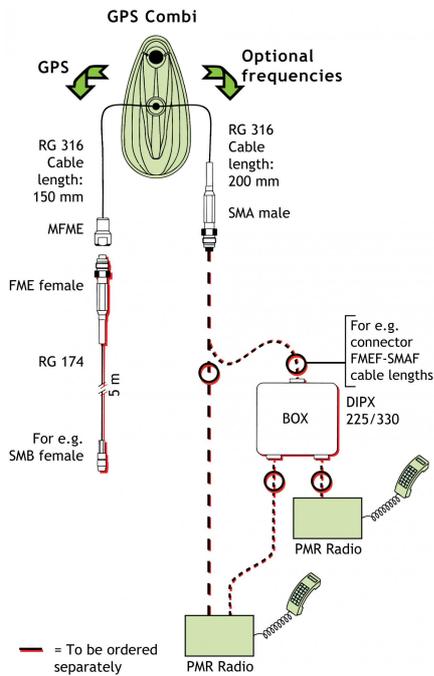
MOUNTING INSTRUCTIONS



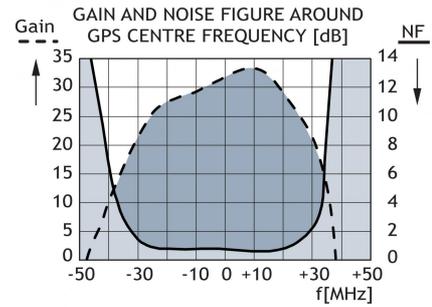
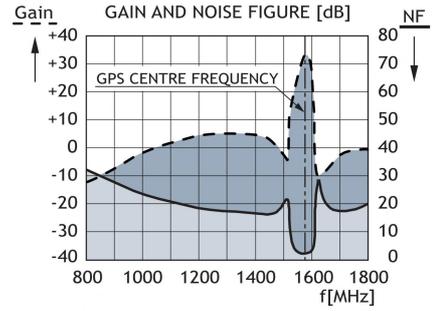
★ The whip should always be dismantled during car wash.

Do not use sealer on rubber gasket or other places.

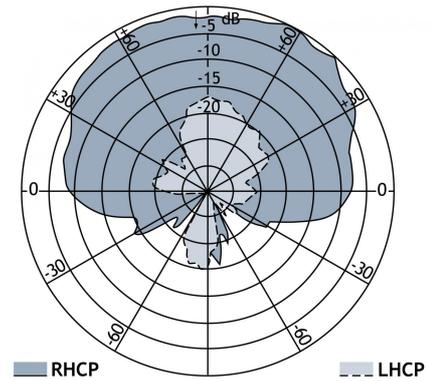
CABLE MOUNTING



TYPICAL RESPONSE CURVES



VERTICAL RADIATION PATTERN



PROCOM France S.A.R.L. se réserve le droit d'améliorer les spécifications sans préavis.  
09/01/15