

# 140 / Fakra Base

Active GPS / GLONASS / GALILEO / 5G / WLAN-P

MOUNT TYP	Roof mounted base with integrated 5G, WLAN-P, active GPS and radio via whip * New modern aerodynamic design * Fits to all VIMCOM 16V- and Universal whips * Simple installation * Full range of mobile frequencies up to 5G * NON-CORROSIVE
GPS antenna part: ANTENNA TYPE POLARISATION FREQUENCY IMPEDANCE GAIN (LNA) NOISE FIG. POWER SUPPLY	Active ceramic patch antenna on PCB RHC (Right Hand Circular) 1575,42 MHz Nom. 50 $\Omega$ Nom. 26 dB Type. 1.8-2.2 dB + 3,0 - 5,5 VDC (10-30 mA)
5G Antenna: FREQUENCY IMPEDANCE POLARISATION GAIN (dBi) VSWR	MHz: 698-960 (1) / 1710-2170 (2) / 2300-2690 (3) / 3400-3800 Nom. 50 $\Omega$ Vertical 5G (1) 5 / (2) 5 / (3) 5 < 2.2
WLAN-P Antenna: FREQUENCY IMPEDANCE POLARISATION GAIN (dBi) VSWR	2400-2500 / 4900-5950 MHz Nom. 50 $\Omega$ Vertical 2.4 – 2.5 GHz 2.4 dBi / 4.9 – 5.95 GHz 4.2 dBi < 2.2 < 2.0
DIMENSIONS	130 x 80 x 60 mm
HIGHT ABOVE ROOF	Approx. 50 mm
MOUNTING-HOLE	Ø 19 mm
MATERIALS	Aluminium Alloy Nickel plated, Polyamide 6 and steel
BUILD-IN DEPTH	Approx. 20 mm

CONNECTION TO ANTENNA WHIP	M5
CABLE / CONNECTOR	GPS: 0,15 m RG316 Fakra (m) C connector (blue) 5G: 0,15 m RG316 Fakra (m) D connector (red) WLAN: 0,15 m RG316 Fakra (m) I connector (beige) Comm: 0,15 m RG316 Fakra (m) Z connector (uni)

