

MODEL	SPECIFICATIONS
83/Fakra	
ANTENNA TYPE	Heavy duty omni-directional QUAD BAND linear patch, active GPS and wireless LAN antenna for trucks, vans, trailers etc. * LOW PROFILE DESIGN * CAR-WASH PROOF * NO GROUNDPLANE NEEDED
GPS antenna: ANTENNA TYPE FREQUENCY IMPEDANCE POLARISATION GAIN (LNA) NOISE FIG. POWER SUPPLY	Active ceramic patch antenna 1575,42 MHz Nom. 50 Ω RHC (Right Hand Circular) Approx. 26 dB Typ. 1.35 dB + 3,0 - 5,5 VDC (20 mA)
GSM antenna: FREQUENCY IMPEDANCE POLARISATION GAIN VSWR MAX. POWER (GSM part only)	870-960 + 1710-1880 MHz + DECT 1850-1990 MHz + UMTS 1900-2170 MHz Nom. 50 Ω Linear 0 / 0 dB < 2.0 at frequency resonance 25 Watt (low band) 10 Watt (high band)
WLAN antenna: FREQUENCY IMPEDANCE POLARISATION GAIN VSWR MAX. POWER	2400-2485 MHz + 5150-5875 MHz (WLAN, RLAN a.o.) Nom. 50 Ω Vertical 0 dB < 2.0 at frequency resonance 5 Watt
COLOUR	Black
DIMENSIONS BUILD-IN DEPTH	Ø 92 x 16 mm Approx. 17 mm
WEIGHT	Approx. 130 g
MOUNTING	Preferable on horizontal surface (+-15° allowed) (Mounting hole Ø 12 - 20 mm)
MATERIAL	ABS, brass and PCB IP65 Classified (when mounted on vehicle)
TEMPERATURE	-30°C - +80°C

MOUNT TYPE	Bolt-on type with double self-adhesive tape for effective sealing
CABLE / CONNECTOR	GPS: RG316/U and Fakra (m) connector (BLUE) GSM: RG316/U and Fakra (m) connector (RED) LAN: RG316/U and Fakra (m) connector (UNI)

