

ANTENNA OMNI GSM/UMTS/LTE+GPS

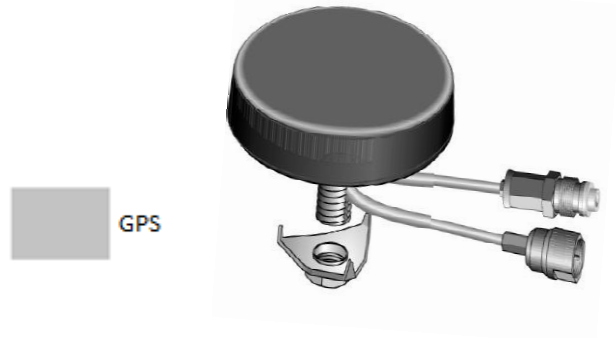
870-960 / 1710-1800 / 1850-1990/ 1900-2170 MHz.

GSM/UMTS/LTE Bands + 1575.42 MHz GPS Band

Ref.: VTK-ANT-DISK-UMTS/LTE+GPS

Features and benefits:

Firm surface mount attaching
Water resistant and weatherproof
GPS receiver short circuit protect
Heavy duty construction and compact footprint
GSM / UMTS / LTE + GPS



<u>GSM/UMTS/LTE</u>		<u>GPS Specification</u>	
Polarisation:	Linear	Antenna type:	Active ceramic patch antenna
Frequency:	870-960 / 1710-1880/ 1850-1990/ 1900-2170 MHz	Polarisation:	RHC (Right Hand Circular)
Impedance:	Nom. 50 Ohm	Frequency:	1575,42 MHz
Gain (dbi):	0 / 0 dB	Impedance:	Nom. 50 Ohm
VSWR:	<2.0 at frequency resonance	Gain (Ina):	Approx. 26 dB
Max Power:	25 Watt (low band)	Noise fig:	Typ. 1.35 dB
(GSM Part only):	10 Watt (high band)	Power supply:	+ 3,0 - 5,5 VDC (20 mA)

<u>Mechanical Specification</u>	
Mount Type:	Bolt-on type with double self-adhesive tape for effective sealing.
Colour:	Black
Frequency Range:	VHF: 130-230 MHz 1/4Lambda UHF: 380-510 MHz 5/8 Lambda
Impedance:	Nom. 50 Ohm
Dimensions	95 x 16 mm
(Build-in depth):	Approx. 17 mm
Weight:	Approx 125g
Mounting:	Preferable on horizontal surface (+- 15* allowed) (Mounting hole 12-20 mm)
Materials:	ABS, brass and PCB
	IP65 Classified (when mounted on vehicle)
Cable / Connector:	GSM: 0,15m RG316/U cable, FME (m) connector GPS: 0,2m RG316/U cable, FME (f) connector