

425 Planar Antenna

8 x LTE-5G / 6x WLAN / GPS

ANTENNA TYPE	Heavy duty omni-directional 4xMIMO 8xLTE-5G / 3xMIMO 6xWLAN patch antenna with integrated active GPS/GLONASS/GALILEO antenna for roof mounting on trucks, trailers etc. * LOW PROFILE DESIGN * CAR-WASH PROOF * NO GROUNDPLANE NEEDED
LTE / WLAN Antenna: FREQUENCY	8x LTE-5G MHz: 698-960 (1)/ 1710-2170 (2) / 2300-2690 (3) / 3400-3800 (4) 6 x WLAN MHz: 2400-2485 (1) / 4900-7200 (2)
IMPEDANCE	Nom. 50 Ω
POLARISATION	Vertical
GAIN (dBi)	LTE : (1) 2 / (2) 5 / (3) 5 / (4) 5 WLAN : (1) 4 / (2) 6
VSWR	< 2.2
GPS/GLONASS/GALILEO Ant.: ANTENNA TYPE	Active Planar Patch Antenna
FREQUENCY	1580 MHz
BANDWIDTH	± 28 MHz
IMPEDANCE	50 Ω
POLARISATION	RHC (Right Hand Circular)
GAIN (LNA)	25 dB
NOISE FIG.	1.7 $\div$ 2.1 dB
POWER SUPPLY	2.7 $\div$ 5.1 V
VSWR	< 2.0
MAX. POWER	20 Watt
COLOUR	Black
DIMENSIONS/ BUILD-IN DEPTH	$\varnothing$ 140 x 40 mm / Approx. 16 mm
WEIGHT	Approx. 750 g
MOUNTING	Preferable on horizontal surface (Mounting hole $\varnothing$ 24 mm)
MATERIAL	ABS Polymer IP67 Classified (when mounted on vehicle); UV-resistance
TEMPERATURE	-20°C - +60°C

MOUNT TYPE	Bolt-on type with double self-adhesive tape for effective sealing
CABLE / CONNECTOR	8 x LTE-5G: ca. 0,30 m RG316 cable and SMA (m) (RED) 6 x WLAN: ca. 0,30 m RG316 cable and SMA rev. (m) (YELLOW) GPS: ca. 0,30 m RG316 cable and SMA (m) (BLUE)

