

GMAE4507A – Datasheet (summary)

TETRA UHF + GPS Combination Antenna (vehicle/roof, panel mount)

Parameter	Value
Part No.	GMAE4507A
TETRA frequency range	380–430 MHz
Operational band	TET
Gain (isotropic)	2 dBi
Impedance	50 Ω
Polarisation / Pattern	Vertical / Omni-directional
Max input power	25 W
GPS frequency	1575 MHz
GPS VSWR	< 1.5:1 (\pm 4 MHz)
GPS LNA gain	26 dB
GPS polarisation	Right-hand circular
GPS operating voltage	3–7 V DC (fed via coax)
GPS current	Typical 14 mA
Whip length	154 mm
Base dimensions (HxLxW)	18.5 x 60 x 50 mm
Operating temperature	-40 °C to +80 °C
Material / Colour	Engineering plastic / Black
Mounting	Panel mount (single-hole fixing)
Hole size	15 mm
GPS cable	RG174, \varnothing 3.0 mm, 6 m, SMA plug
Comms cable	CS23, \varnothing 5.0 mm, 5 m, bare end with loose BNC

Notes

The referenced manufacturer-style datasheet indicates the GPSK antenna family covers 300–470 MHz depending on variant; GMAE4507A is specified for 380–430 MHz.

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