

GPA24 - Satellite navigation antenna

Type designation: **GPA24**

NSN: **5985160018111**

PN (RN): **2042.100.50**

KČN: **0064681101250**

Flat GPA24 satellite navigation antenna is designed for the reception of GPS signal. The antenna is suitable for vehicles, antenna masts or portable tripods. It contains a low-noise preamplifier which makes it possible to connect the antenna using a long cable. Its high climatic and mechanical resistance ensures operation in the most demanding environments, including military application.

Technical parameters

Radiator	microstrip with circular right-handed polarization
Nominal frequency	1575.42 MHz
Nominal impedance	50 Ω
VSWR	max. 3
Power supply	3.3 V to 12 V
Output connector	BNC
Preamplifier gain	> 18 dB
Operating temperature range	-30 °C to +60 °C
Dimensions	diameter 96 mm x 42 mm
Weight	0.2 kg

Documentation

GPA24, GPA25 operating instructions

2042.010.02

Set

Type designation	PN (RN)	Name
GPA24	2042.000.50	Satellite navigation antenna set