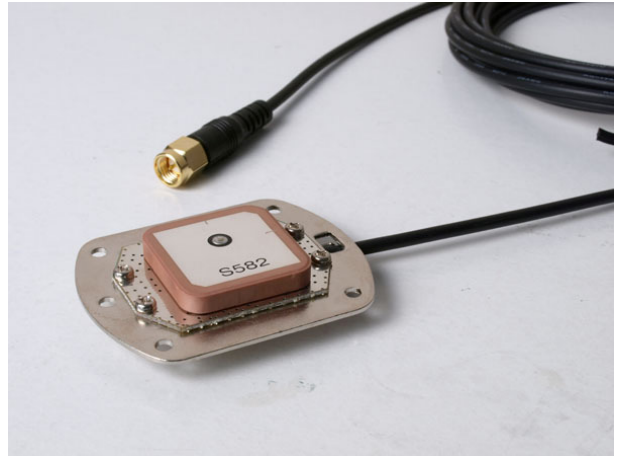


Passive GPS Antennen Serie PA-50

- ❑ Passive GPS-Antenne Module
- ❑ Hervorragende Signal Leistungsgewinnung, ohne Stromverbrauch
- ❑ Durch die kompakte Bauweise ist die Antenne sehr vielseitig einsetzbar
- ❑ Einfache Anwendung
- ❑ Sehr gute Temperatur Stabilität
- ❑ Kein Stromverbrauch
- ❑ Ausgezeichnete Signalverstärkung



PA-50-B



PA-50-C

Datasheet PA-50

Mechanical Data:

Dimension in mm	(LxWxH) PA-50B: 52x42x10.3 PA-50C: 38x29x10.9
Weight	PA-50B: 45gr. W/o C. PA-50C: 20gr. W/o C.
Shielding	All circuits are shielded wit metal frame to avoid interferences

Environmental Conditions:

Operating Temp.	-40 °C ~ + 85 °C
Storage Temp.	-50 °C ~ + 90 °C
Relative Humidity	95% non-condensing

Antenna element:

Center Frequency	1575.42 +/- 1.023 MHz
Polarization	R.H.C.P
Absolute Gainat Zentith	+5dBi typically
Gain at 10° Elevation	-1 dBi typically
Axial ratio	3 dB max.
Output VSWR	1.5 max
Output Impedance	50 Ω

Cable & Connector:

RF Cable	Standard RG-174 cable with a maximum length of 3 meters
Pulling Strength	6kg for 5 sec with molded plastic on connector end for strain relief
Connector available	BNC,TNC,FME (to be adapted), GT5,MCX,(OSX),SMA,S MB or SMC in straight or right angle type
Optional Adapters	FME to MCX, BNC, SMA, SMB, TNC

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