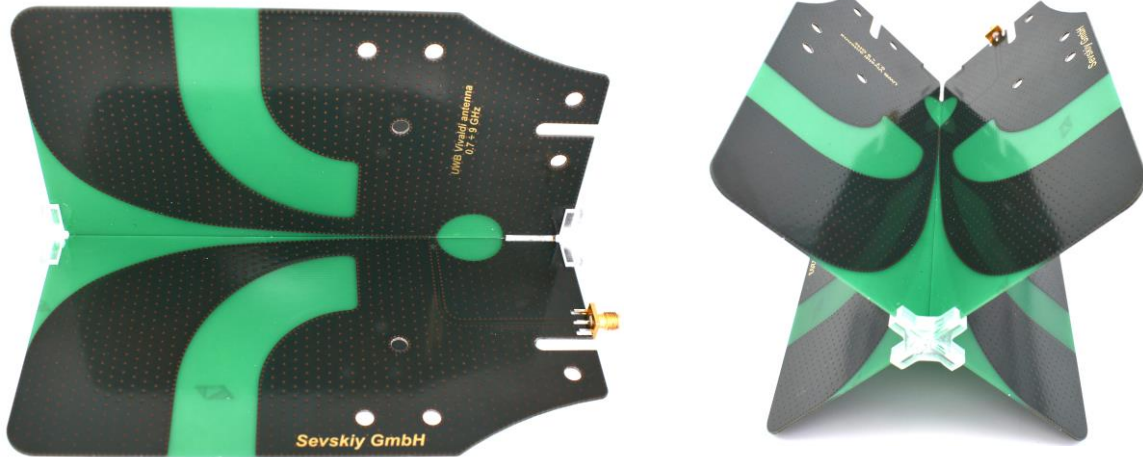


**UWB Antenna**



**General information**

Planar dual-polarised ultrawideband Vivaldi antenna for various applications including laboratory measurements, spectrum monitoring etc.

**Typical applications**

ISM, RFID, IoT (Sigfox, LoRa), LP-WAN, Smart meters, Multiband LTE, UMTS, GSM, SDARS

**Electrical data**

Antenna type	Vivaldi antenna
Frequency range	650...9000 MHz
Nominal input impedance	50 Ohm
Return loss	-10 dB
Maximum gain	4...8 dBi
Radiation efficiency	55...85 %
Polarization	two orthogonal linear
Radiation pattern	directional
Maximum input power	10 W

**Mechanical data**

Antenna dimensions	180 mm x 180 mm x 180 mm
Connector type	SMA (female)
PCB material	FR4
PCB colour	green

**Environmental data**

Ambient operating temperature	-40°C to +85°C
Storage temperature	-40°C to +85°C
Ambient relative humidity	40% to 95%
RoHS compliant	Yes

*All information (including technical data and pictures) presented in this document is typical and subject to change without notice. Sevskiy is a registered trade mark of Sevskiy GmbH. Copyright © 2009-2023 Sevskiy GmbH. All rights reserved. No warranties.*