



The antenna AD-80/L1L2 is a mobile GPS active receiving antenna intended for use with mobile and portable GPS receivers. Antenna covers L1 band (1575 MHz) and L2 band (1227 MHz). The active parts with the ceramic patch antenna are enclosed in the ABS radome. Stainless steel mounting adapter has M10 thread with washers and nut for easy mounting. The antenna could be used as standalone or in combination with our standard VHF/UHF broadband mobile antennas type AD-18/D, AD-27 or AD-18/E. With these antennas the AD-80/L1L2 could be placed on the existing antenna base instead of one M10 mounting screw - no need to drill additional mounting hole.

The antenna has 5000 mm of RG-316 coaxial cable with SMA male connector. Other connector types are available on request.

Frequency range 1575.42 + 1227.60 MHz (L1/L2)

Impedance 50 ohm **VSWR** < 2 Polarization RHC ≥ 30 dB Gain (LNA) Noise fig. < 2 dB

Power supply 2.5 - 6.0 V DC (9 mA max.)

Connector SMA male

Dimensions dia. 95 mm x 104 mm Dimensions of cable 5000 mm ± 20 mm

Weight 470 g Colour Black

Materials ABS; Stainless Steel

Temperature range -40....+70 °C





