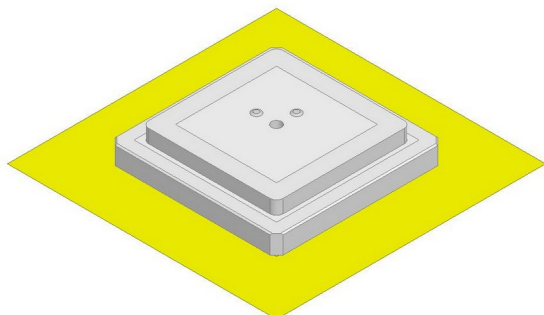


GL1176157522 1176/1575 MHz Multi-Band GNSS Patch Antenna

MODEL GL1176157522

Multi-band GNSS patch antenna for GPS L1/L5, BDS B1, Galileo E1/E5b and GLONASS L1 reception with 80 x 80 mm ground plane.



KEY PERFORMANCE

1176 MHz

LOW-BAND FREQUENCY

1570 MHz

HIGH-BAND FREQUENCY

R.H.C.P

POLARIZATION

Pin (customizable)

CONNECTOR

TECHNICAL SPECIFICATIONS

ELECTRICAL - LOW BAND (L5/E5A)

Center frequency	1176 MHz
Band width	1164-1188 MHz
Gain (Zenith) @ 1176 MHz	3.59 dBic typ.
Axial ratio @ 1176 MHz	0.15 dB typ.
Return loss @ Fo	<= -10 dB
Polarization	R.H.C.P
Frequency temperature coefficient	0 +/- 60 ppm/degC

ELECTRICAL - HIGH BAND (L1/B1/E1/GLONASS)

Center frequency	1570 MHz
Band width	1525-1606 MHz
Gain (Zenith) @ 1575 MHz (GPS L1)	4.76 dBic typ.
Axial ratio @ 1575 MHz	1.22 dB typ.
Return loss @ Fo	<= -10 dB
Polarization	R.H.C.P
Frequency temperature coefficient	0 +/- 60 ppm/degC

MECHANICAL

Ground plane	80 x 80 mm
RoHS compliance	Yes

NOTES

Gain values measured with 3 dB coupler (excluded from antenna data). Two-band L5 + L1 GNSS patch with detailed test graphs.

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Frequency, connector, cable length and mounting options can be reviewed for your project.
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