

Low Silhouette Bi-Band GPS vehicular antenna

870 – 960 MHz

R-H 130 AB

Specifications:

Frequency range	: 870 - 960 MHz
	: 1.57542 GHz +/- 1.02 MHz
Input impedance	: 50 ohm
V.S.W.R.	: < 1.5:1
	: < 2:1
Maximum rated RF power	: 100 watt
Polarization	: Vertical
	: RHCP GPS
Gain	: 2 dBi
	: 23 dBi GPS 90°
	: < - 10 dBi GPS 20°
Noise Figure (GPS only)	: < 1.5 dB (+25°)
	: < 2.3 dB (+80°)
Type f connection	: N female 90°
Elements material	: Aluminium alloy DIN 3.2315
Radome material	: U.V. polycarbonate, grey/azure BAYER 70009
Mounting hole	: See over leaf
Net weight	: 530 g
Dimensions	: 105 x 60 mm
Working temperature	: From -35° to +80°

LNA CHARACTERISTICS

Frequency range	: 1.57542 GHz +/- 1.02 MHz
Gain	: < 27 dB
Noise Figure	: < 1.5 dB (+25° +/- 5°)
	: < 2.1 dB (+80°)
Out of Band Rejection	: Fo = 1.57542 GHz
	: Fo +/- 20 MHz
	: Fo +/- 30 MHz
	: Fo +/- 50 MHz
	: Fo +/- 100 MHz
Output Impedance	: 50 ohm
Output V.S.W.R.	: < 2:1
Input voltage	: 4.75 +/- 0.5 V
Power Consumption	: < 30 mA

