



Pulse Internal Active Antennas for GNSS (GPS/ Glonass/BeiDou, Galileo) applications Rev G.02 (DEC. 2016)

App.	Type	Part Number	RF Performance							ME requirement			
			Operating Frequency (MHz)	Antenna Element		LNA				Antenna Dimension (mm)	Overall Dimension (mm)	Connector Type	Coaxial Cable (Length; Diameter)
				VSWR	RHCP Gain (dBic)	Gain (dB)	NF (dB)	Current (mA)	VCC (Vdc)				
GNSS (GPS, Glonass, BeiDou, and Galileo)	Ceramic patch with LNA	GPSGB1315	1561 +/- 2.046, 1575.42 +/- 10.23, and 1602.5625 +/- 4 MHz	2	-1 ± 1	15 ± 2	< 2.4	< 6	3.3-5 ± 0.5	13x13x5	16x17x8.15	IPEX MHF 20278	L:100; D:1.13
		GPSGB1330		2	-1 ± 1	30 ± 2	< 2.4	< 6	3.3-5 ± 0.5	13x13x5	16x17x8.15	IPEX MHF 20278	L:100; D:1.13
		GPSGB2515		2	1 ± 1	15 ± 2	< 2.4	< 6	3.3-5 ± 0.5	25x25x4	30x30x8	IPEX MHF 20278	L:100; D:1.13
		GPSGB2530		2	1 ± 1	30 ± 2	< 2.4	< 6	3.3-5 ± 0.5	25x25x4	30x30x8	IPEX MHF 20278	L:100; D:1.13

Note: 1. Further detailed specs such as 'Out of band rejection' of LNA can be found on a datasheet.