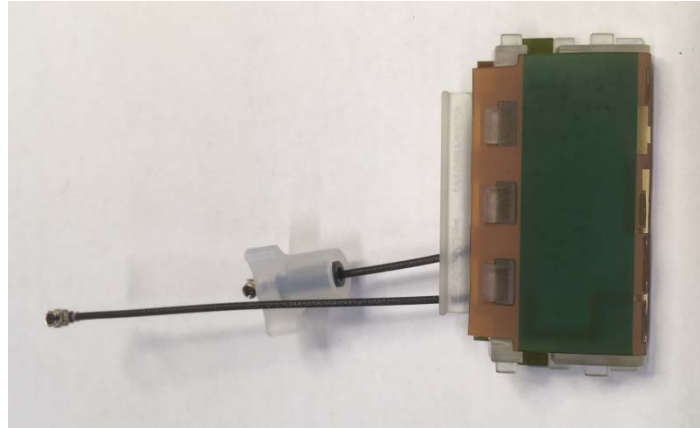


Apollo Antenna Specification



The Apollo antenna combines two antennas on one flexible base PCB. For mechanical stability the flexible PCB is wrapped around a plastic holder. The 2.4 GHz / 5 GHz dual band antenna is meant to be used with WLAN or 2.4 GHz IIT radios. The 1.4 GHz antenna is meant to be uses with 1.4 GHz IIT radios. The antenna cables are permanently attached (solderd). To allow for diffent configurations of the host device the antenna can be configured with different antenna cables (see Partnumbers / Configurations in the table below). The actual flexible PCB antenna is identical for all configurations.

Specifications

Partnumbers / Configuration	Cables for both antennas attached: 453564521801 rev. 1646
	Single antenna cable for 2.4 GHz / 5 GHz dual band antenna attached: 453564682561 rev. 1646
	Single antenna cable 1.4 GHz antenna attached: 453564682551 rev. 1646
Manufacturer	Philips
Type	Internal PCB antenna
Gain 2.4GHz / 5GHz dual band antennas	1.2 dBi @ 2412 MHz 1.2 dBi @ 2437 MHz



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www.philips.com/healthcare



	2.4 dBi @ 2462 MHz 1.9 dBi @ 5180 MHz -0.1 dBi @ 5320 MHz 1.0 dBi @ 5500 MHz 1.4 dBi @ 5700 MHz 1.4 dBi @ 5825 MHz
Gain 1.4GHz antenna	-4.7 dBi @ 1400 MHz
Nominal impedance	50 Ohm
Connector	coaxial antenna cable with female U.FL connector, permanently attached
Size w/o cables	41.5 mm x 22.8 mm x 5.5 mm

[Radiation Pattern 2.4GHz / 5GHz Antenna](#)

[Radiation Pattern 1.4 GHz Antenna](#)

[Technical Drawing](#)