

9.3 Technical data of the ANT IM 154-6 IWLAN antenna

Dimensions of the standard antenna

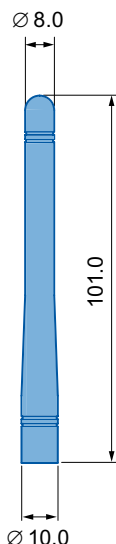


Figure 9-2 Antenna ANT IM 154-6 IWLAN

Mechanical properties

Table 9- 1 Mechanical properties of ANT IM 154-6 IWLAN

Property	Data
Mounting position	30° to the housing front
Connection	R-SMA male connection to ET 200pro with interface module IM 154-6 PN HF IWLAN
Height	101 mm
Exterior material	Polycarbonate
Ambient temperature	0 °C ... + 55 °C
Weight	9.5 g
Degree of protection	IP67
Diameter	Antenna tip: 8 mm Antenna base: 10 mm

Electrical properties

Table 9- 2 Electrical properties of ANT IM 154-6 IWLAN

Property	Data
Frequency band	2.4 to 2.4835 GHz 5.15 to 5.35 GHz 5.47 to 5.85 GHz
Characteristic	Omnidirectional
Radiation angle	360° horizontal 20° vertical
Polarization	Vertical
Impedance	50 ohm
Voltage standing wave ratio	≤ 2,0
Gain at 2.45 GHz and 5.25 GHz	2 dBi