

Datasheet

ANTENNA INTERIOR WLAN/BT/BLE

TE PN: HWLN-AX-0116-01
Customer PN: A66-12157-000

- **Passive transmitting and reception antennas for WLAN/BT/BLE (2.4/5 GHz)**
- Low body height max. 5mm
- Adhesive mount
- Mounting on plastic, metal and glass materials

Antenna Dimensions: 35mm x 45mm x 5mm

Cable Length: 300mm

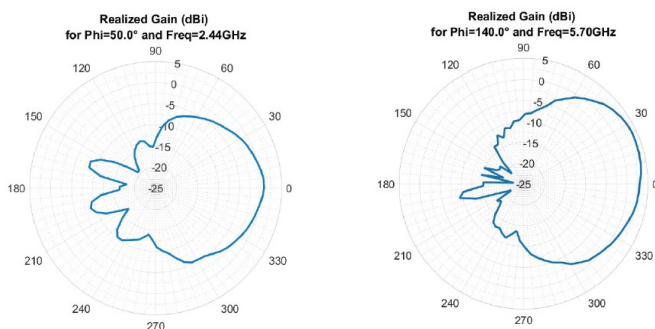
Connector Type: FAKRA Code I



2. Technical data

Protection class	IP52 (acc. IEC 60529)
Operating Temperature	-40°C to +85°C
Storage Temperature	-40°C to +85°C
Frequency range	WLAN/Bluetooth/BLE: 2400 - 2484 MHz WLAN: 5150-5925 MHz
Impedance	50 Ohm
Average Gain	2400-2485 MHz: ≥ -1.5 dBi Typ 5150-5925 MHz: ≥ 0.5 dBi Typ
Peak Gain	2400-2485 MHz: 4.0 dBi Max 5150-5925 MHz: 5.0 dBi Max
Return loss	> 8 dB Typ
Polarization	Linear
Power Handling	30 dBm MIN
Diagnosis Resistor	10k Ohm

Radiation pattern



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