



2.4–5 GHz HIGH EFFICIENCY PCB DIPOLE ANTENNA

Part Number 616

Applications

Home automation
Telemetry
IoT
Wi-Fi
BT

Main features

Wideband
Adhesive
No ground plane required
RoHS compliant
Good efficiency



Frequency Band (MHz)	2400-2480	5000-6000
Gain (dBi)	1.1	2.5
Total isotropic Gain (dBi)	>-3.5	>-1
S11 (dB)	<-12	<-10
Polarization	Linear	Linear

Data measured at connector port 320mm microcoaxial line in free air

Cable loss 0.5dBm

Parameter	
Dimension	42.3x12.2x0.8mm
Operating temperature	-40/85 °C
Cable type	All 50 Ohm coaxial lines d<2.7mm
Connector	custom
Cable length	custom



2.4-5 GHz HIGH EFFICIENCY PCB DIPOLE ANTENNA

Part Number 616

