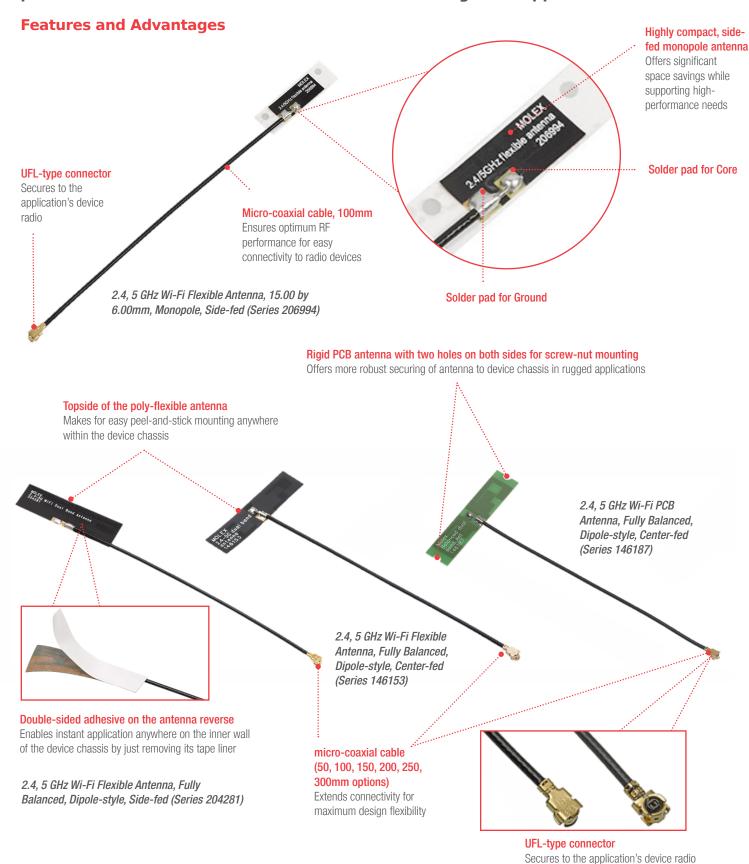
# 2.4, 5 GHz Flexible and PCB Antennas



Designed for fast and easy integration into wireless devices at minimal implementation cost, side and center-fed cable Flexible Antenna enable high-performance RF transmission for the most demanding Wi-Fi applications



## 2.4, 5 GHz Flexible and PCB Antennas



## **Applications**

#### Consumer

Connected Home

Smart Home

#### Automotive

Connected Vehicle

Comfort and Infotainment

## Industrial

**Smart Cities** 







**Smart Cities** 

## **Specifications**

## REFERENCE INFORMATION

Reference Information Packaging: PET Film

Mates with: Surface-mount, micro-coaxial jack

receptacle (Series: 73412) Designed In: Millimeters RoHS: Yes

Halogen Free: Yes Glow Wire Compliant: No

## **ELECTRICAL**

RF Power (Watt): 2
Return Loss: < -10 dB
Average Total Radiation Efficiency (%):
Refer to Product Specifications
Peak Gain (dBi):Refer to Product Specifications

## MECHANICAL

Refer to Product Specifications

Input Impedance (ohms): 50

#### **PHYSICAL**

Material: Flexi (206994, 204281, 146187); FR4 PCB (146153)

Plating:

Refer to Sales Drawings

Operating Temperature: -30 to +85°C

## **Ordering Information**

Series No.	Substrate	Cable Feed	Dimensions (mm)	Cable Lengths (mm)
<u>206994</u>	Flexi material	Side	15.00 by 6.00	100
204281	Flexi material	Side	35.00 by 11.00 by 0.10	50
				100
				150
				200
				250
				300
<u>146153</u>	Flexi material	Center	34.90 by 9.00 by 0.10	50
				100
				150
				200
				250
				300
<u>146187</u>	PCB (FR4)	Center	40.95 by 9.00 by 0.70	50
				100
				150
				200
				250
				300

www.molex.com/link/standard\_antennas.html