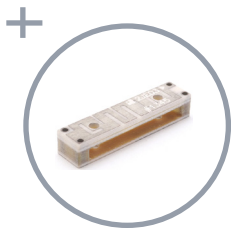


ANTENNA SOLUTIONS

Cellular | LTE | GSM | WiFi | WLAN | Bluetooth | BLE | GPS | GLONASS | BEIDOU

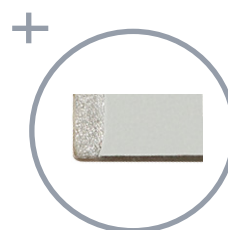
Applications: Connected Lighting, Wearables, Industrial Process Control, Home Automation, Geolocation, Asset Tracking

Featured Products



ACAJ-109 Compact Chip Antenna

Multiband 824MHz to 2170MHz with peak gain ranging from 1.3 to 6.4dBi with a 24x5.5x4.4mm footprint. Ideal protocols include GSM850, GSM900, DCS, PCS, & UMTS.



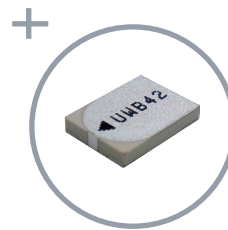
AMCA31-2R450G-S1F Miniature Chip Antenna

Provides an average -1dBi of gain over 2405 MHz to 2495MHz in a compact 3.2x1.6x1.2mm and is ideal for IoT and wearables using Bluetooth, WiFi or Zigbee protocols.



APAMPSBJ-144 External Active Multiband Antenna

Covers AMPS, GSM, DCS, PCS, 3G/4G, WiFi/Bluetooth, LTE. IP67, IK09, IP69K approved and ideal suit for vehicular systems, industrial, commercial and infrastructure applications.



ACA-107 (8.0 x 6.0 x 1.2mm)

Optimized for ultra-wideband (UWB) application operating from 3200 to 7200MHz. Applications include multi-gigabit broadband and high accuracy real time location tracking (RTLS).

Flexible NFC Antennas

Abrakon's flexible near field communications (NFC) antennas are designed to operate at 13.56MHz. NFC is a set of RF communications protocols that transmit data at very close range, requiring the transmit and receive antennas to be within a few centimeters from each other. NFC is useful in applications where the two devices come in close contact with each other for example identity authentication cards, payment systems, asset tracking and file or picture sharing at close range.



FLEXIBLE NFC	
PN	BANDS AVAILABLE (MHz)
ANFCA-1510-A02	13.56
ANFCA-2515-A02	
ANFCA-2525-A02	
ANFCA-3225-A02	
ANFCA-4030-A01	
ANFCA-4030-A02	
ANFCA-4040-A02	

Patch Antenna Optimization Services

Abrakon provides custom PCB test services that help match patch antennas to your board and system, delivering optimal gain, efficiency and range.

Step 1. PLACE YOUR ORDER

Place the order with your distributor using manufacturer part number: ABAOS-5WK.

Step 2. SHIP YOUR SYSTEM

Ship your RF system and selected antenna to Abrakon.

Step 3. WE TUNE AND OPTIMIZE

An optimized patch antenna design and new part number that matches your exact system will be generated within 5 weeks.

Step 4. GO TO MARKET

Use the new custom part number and you're ready for production.