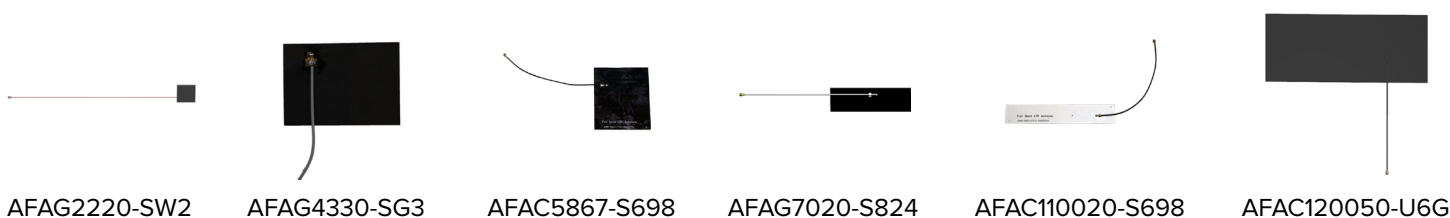


FLEXIBLE ANTENNA SOLUTIONS

OVERVIEW

Flexible printed circuit antennas are ideal for space-constraint applications such as wearable devices, tablets, smartphones, and other handheld devices. Abracon offers a variety of flexible, low-profile solutions covering cellular, navigation, WiFi/Bluetooth and UWB protocols. Customization options are available for connector and cable length.



PART NUMBER	PROTOCOL	FREQUENCY (MHz)	VSWR (MAX)	PEAK GAIN (dBi)	LENGTH (mm)	WIDTH (mm)	FEATURES
AFAG2220-SW2	WiFi/Bluetooth/ ZigBee, ISM	2400 ~ 2500 5100 ~ 5900	2.5	1 ~ 2	22.0	20.0	Dual-band, Low profile
AFAG4330-SG3	GNSS/GPS/ GLONASS/BeiDou/ Galileo	1550 ~ 1620	2.5	6.3	40.0	30.0	Multi-band, High gain
AFAC5867-S698	4G/LTE, 2G/3G/GSM	698 ~ 960 1710 ~ 2690	2.0	2.0	67.4	58.4	Low profile, Compact size
AFAG7020-S824	2G/3G/GSM	824 ~ 894 880 ~ 960 1710 ~ 1880 1850 ~ 1990 1710 ~ 2690	3.0	3.5	70.0	20.0	High gain, High efficiency
AFAC110020-S698	4G/LTE, 2G/3G/GSM	698 ~ 960, 1710 ~ 2690	2.0	3.0	110.0	20.0	Low profile, Low VSWR
AFAC120050-U6G	UWB, 4G/LTE, 2G/3G/ GSM, WiFi/Bluetooth/ ZigBee, ISM, GNSS/ GPS/GLONASS/ BeiDou/Galileo	698 ~ 6000	4.0	5.0	120.0	50.0	High gain, Efficiency > 50% across all bands

ULTRA COMPACT FLEXIBLE SOLUTIONS COMING SOON!