

Profile High-Gain Low Profile PCB-based Antenna Solutions

- Smart antenna software and subassemblies
- A smaller sized, lower cost embedded antenna design
- Highly efficient PCB-based antenna solutions for ODMs and OEMs
- deal for embedded applications requiring integration flexibility
- Available for 802.11a/b/g/n and with dual frequency band options

ANTENNA PRODUCT				FREQUENCY		STANDARD			PEAK GAIN (dBi)		DIMENSIONS (mm)		
Image	Name	Part #	Product Description	GHZ	802.11b/g	802.11a	802.11n	2.4 GHz	5 GHz	L	W	H	
	Profile20	N2420	Single-band PCB antenna with soldering pads for 50 ohm, micro coax cable	2.40-2.49	✓		✓	3.8		48	7	1	
		N2420-100U	Single-band PCB antenna with (1) 100mm RG178 cable w/U.FL connector	2.40-2.49	✓		✓	3.3		48	7	1	
	Profile30	A2430GN	Single-band, PCB through-hole mount antenna	2.40-2.49	✓		✓	6.0		71	2	15	
	Profile40	A2440	Single-band PCB antenna with soldering pads for 50 ohm, micro coax cable	2.40-2.49	✓		✓	4.0		86	11	2	
		A2440-100U	Single-band PCB antenna with (1) 100mm RG178 cable w/U.FL connector	2.40-2.49	✓		✓	3.5		86	11	2	
	Profile60	A2460S	Single-band PCB antenna with soldering pads for 50 ohm, micro coax cable	2.40-2.49	✓		✓	6.0		130	11	2	
		A2460S-100U	Single-band PCB antenna with (1) 100mm RG178 cable w/U.FL connector	2.40-2.49	✓		✓	5.5		130	11	2	
	Profile20D	N2420D	Dual-band, single feed PCB antenna with soldering pads for 50 ohm, micro coax cable	2.40-2.49 4.90-5.70	✓	✓	✓	3.8	3.0	48	13	1	
		N2420D-100U	Dual-band, single feed PCB antenna with (1) 100mm RG178 cable w/U.FL connector	2.40-2.49 4.90-5.70	✓	✓	✓	3.3	2.5	48	13	1	
	Profile60D	A2460DU	Dual-band, single feed PCB antenna with soldering pads for 50 ohm, micro coax cable	2.40-2.49 4.90-5.90	✓	✓	✓	6.0	4.0	130	11	1	
		A2460DU-100U	Dual-band, single feed PCB antenna with (1) 100mm RG178 cable w/U.FL connector	2.40-2.49 4.90-5.90	✓	✓	✓	5.5	3.5	130	11	1	
	Profile40DC	N24D5220	Dual-band concurrent, dual feed PCB antenna with (2) 100mm RG178 cables w/U.FL connector	2.40-2.49 4.90-5.70	✓	✓	✓	4.0	3.5	100	12	1	
		N24D5220-100U	Dual-band concurrent, dual feed PCB antenna with (2) 100mm RG178 cables w/U.FL connector	2.40-2.49 4.90-5.70	✓	✓	✓	3.5	3.0	100	12	1	
	Profile40DL	N24D5220L	Dual-band concurrent, dual feed PCB antenna with soldering pads for two (2) 50 ohm, micro coax cables	2.40-2.49 4.90-5.70	✓	✓	✓	4.0	3.5	103	12	1	
		N24D5220L-100U	Dual-band concurrent, dual feed PCB antenna with (2) 100mm RG178 cables w/U.FL connector	2.40-2.49 4.90-5.70	✓	✓	✓	3.5	3.0	103	12	1	
	Profile520	N5220	Single-band PCB antenna with soldering pads for 50 ohm, micro coax cable	4.90-5.85		✓	✓		3.8	23	5	1	
		N5220-100U	Single-band PCB antenna with (1) 100mm RG178 cable w/U.FL connector	4.90-5.85		✓	✓		3.3	23	5	1	
	Profile560	N5260	Single-band PCB antenna with soldering pads for 50 ohm, micro coax cable	4.90-5.90		✓	✓		6.0	56	8	1	
		N5260-100U	Single-band PCB antenna with (1) 100mm RG178 cable w/U.FL connector	4.90-5.90		✓	✓		5.5	56	8	1	