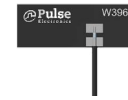


Advanced WiFi 6E/7 Antenna Solutions

Pulse Electronics offers a comprehensive range of WiFi 6E/7 antenna solutions designed to meet the growing demands of high-speed wireless connectivity. With a variety of mounting options, these antennas deliver optimal performance across the 2400-2500 MHz and 5150-7125MHz bands, ensuring reliable coverage and efficiency. Pulse's antennas are built for versatility and durability, making them ideal for next-generation WiFi applications in various environments.



Embedded Chip						
Part Number	Size (L x W x H) (mm)	RL 2400-2500/ 5150-7125MHz	Peak Gain 2400-2500/ 5150-7125MHz	Efficiency 2400-2500/ 5150-7125MHz	Copper Keep Out	Comments
ANTI608LL14R2460A	1.6 x 0.8 x 0.4	< -7	3.65 / 3.69dBi	71 / 67%	8.0 x 7.0mm	Edge Mount SMT
ANT3216LL11R2460A	3.2 x 1.6 x 1.2	< -7	2.0 / 2.5dBi	74 / 60%	7.5 x 8.0mm	Edge Mount SMT
W3006	10 x 3.2 x 1.5	< -5	2.2 / 5.2dBi	60 / 70%	14.5 x 6.25mm	Edge Mount SMT
W3078	3.2 x 1.6 x 1.1	< -8 / -9	0.1 / 3.5dBi	45 / 85%	11.15 x 6.4mm	Corner Mount SMT

Internal Flexible PCB					
Part Number	Size (L x W x H) (mm)	RL 2400-2500/ 5150-7125MHz	Peak Gain 2400-2500/ 5150-7125MHz	Efficiency 2400-2500/ 5150-7125MHz	Comments
SWA425A	29 x 26.8	< -5	0.5 / 4dBi	60 / 50%	Flexible PiFa antenna designed for mounting on metal surface
W3918B0100	35.2 x 8.5	< -10 / -6	2.5 / 3.5dBi	65 / 65%	FPC, perpendicular cable attachment
W3917B0100	42.6 x 8.6	< -6 / -10	2 / 3dBi	40 / 50%	FPC, colinear cable attachment
W6109B0100	34.6 x 7.6	< -7 / -7	3.2 / 6.9dBi	50 / 87%	2x MiMo FPC
W6108B0100	72.8 x 7.6	< -7 / -7	3.7 / 7.4	52 / 85%	4x MiMo FPC

Terminal Mount						
Part Number	Length	Connector	IP Rating	RL 2400-2500/ 5150-7125MHz	Peak Gain 2400-2500/ 5150-7125MHz	Efficiency 2400-2500/ 5150-7125MHz
W5029	78mm	Right Angle RP SMA Male	IP65	< -10 / -4	1.8 / 0.4dBi	80 / 70%
W5029RASM	78mm	Right Angle SMA male	IP65	< -10 / -4	1.8 / 0.4dBi	80 / 70%
W5029RPG	78mm	Straight RP SMA Male	IP65	< -10 / -4	1.8 / 0.4dBi	80 / 70%
W5098	150mm	Swivel RP SMA Male	IP67	< -10 / -10	3.5 / 3.8dBi	75 / 71%

Direct/ Permanent Mount							
Part Number	Size (Dia x H) (mm)	Termination	IP Rating	VSWR 2400-2500/ 5150-7125MHz	Peak Gain 2400-2500/ 5150-7125MHz	Efficiency 2400-2500/ 5150-7125MHz	Comments
LPTNG24-71DMG0457	45.5 x 36	1.5' RG316 SMA Male	67	< 2 / 2.5dBi	2.6 / 2.9dBi	80 / 64%	Ground Plane Independent, UL94-5VA rated
LPT2400/71DMN	44.2 x 35	Direct "N"	67	< 2 / 2.5dBi	5.3 / 7.8dBi	82 / 75%	UL94-5VA rated