



DAS ANTENNA SOLUTIONS

Pulse's In-Building & Outdoor DAS Antenna solutions are trusted worldwide, providing crucial coverage for organizations and Public Safety entities across various frequencies, including UHF, TETRA, VHF, 5G-FR1/4GLTE, and WiFi-6E. These antennas enhance network performance, improving data rates and connectivity. With strict adherence to Passive Intermodulation (PIM) requirements, Pulse ensures carrier-grade quality. Our low-profile housings, custom cable options, and easy installation make us a leader in the In-Building market.



Omni-Directional Antennas

- High Performance, Best in class <-155 dBc PIM Rating
- Attractive Low-Profile Housings
- Custom Cable Length & Connector Configurations Available
- Easy Installation, Multiple Mounting options



Directional Antennas

- High Performance, Best in class <-155 dBc PIM Rating
- Attractive Low-Profile Housings
- Custom Cable Length & Connector Configurations Available
- Easy Installation, multiple mounting options for indoor & outdoor use
- Rugged, UV Rated Housings



DAS Accessories

- RF Splitters; 2 way, 3 way & 4 way
- Installation adapters for easy installation in hard ceiling application
- PIM-Blocker Absorber to reduce intermodulation
- Reflector kits for increased performance
- Custom Cable Assemblies

Public Safety DAS Antennas					
					
Part number	PSIBVU69	PSIBVU78	PSIBVHF	PSUTWCNF	PD380-4000S143
Style	Ultra-Thin Ceiling Mount, SISO	Ultra-Thin Ceiling Mount, SISO	Ultra-Thin Ceiling Mount, SISO	Ultra-Thin Ceiling Mount, SISO	Directional Wall Mount, SISO
Wireless Technology	VHF + UHF + 600/700/800	VHF + UHF + 700/800	VHF	UHF + 700/800	UHF (TETRA) + 5G-NR/4G-LTE
Frequency, MHz	132-174; 380-570; 617-960	132-174; 380-570; 700-960	132-174	380-570; 698-960	380-470; 698-4000
Dimensions L x W x H mm	391 x 346 x 1.5(d)	391 x 346 x 1.5(d)	380 x 380 x 1.5(d)	Φ311 x 9.5	190 x 308 x 65
Peak Gain, dBi	Unity; 2.0	Unity; 2.0	Unity	1.8; 3.5	4.0; 5.0-7.5
VSWR	<2:1	<2:1	<2:1	<2:1	<2.5:1; <2.0:1
PIM Rating, dBc	N/A	N/A	N/A	N/A	<-140
SAR Compliant (CEI EN 50383)	N/A	N/A	N/A	N/A	✓

Omni-Directional Cellular/WiFi DAS Antennas					Public Safety/ Cellular/WiFi
					
Part number	OD617-6000S143	OD617-6000M443	OD617-6000M243	DASLPP5GxMIMO	OD350-6000S143
Style	Low Profile Ceiling Mount, SISO	Low Profile Ceiling Mount, 4-Port MiMo	Low Profile Ceiling Mount, 2-Port MiMo	Low Profile Ceiling Mount, 2-Port MiMo	Ultra-Thin Ceiling Mount, SISO
Wireless Technology	5G-FR1/4G-LTE, CBRS, WiFi	5G-FR1/4G-LTE, CBRS, WiFi	5G-FR1/4G-LTE, CBRS, WiFi	5G-FR1/4G-LTE, CBRS	UHF (TETRA) + 5G-NR/4G-LTE
Frequency, MHz	617-6000	617-6000	617-6000	617-4200	350-520; 600-6000
Dimensions -D x H mm	Φ220 x 18	Φ360 x 24	Φ266 x 18	Φ250 x 8	Φ290 x 10
Peak Gain, dBi	1.5-6.0	3.0-4.5	1.5-6.0	1.5-3.0	3.0; 3.0-5.0
VSWR	<1.8:1	<1.8:1	<1.8:1	<1.8:1	<2:1; <1.8:1
PIM Rating, dBc	<-153	<-153	<-153	<-150	<-150

Directional Cellular/WiFi DAS Antennas					
					
Part number	LD617-6000S143	PD698-3800M243*	PD617-6000M243	PD617-3800M443*	PD617-6000M443
Style	Directional Outdoor Log Periodic	Directional Wall Mount, 2-Port MiMo	Directional Wall Mount, 2-Port MiMo	Directional Wall Mount, 4-Port MiMo	Directional Wall Mount, 4-Port MiMo
Wireless Technology	5G-FR1/4G-LTE, CBRS, WiFi	5G-FR1/4G-LTE, CBRS	5G-FR1/4G-LTE, CBRS, WiFi	5G-FR1/4G-LTE, CBRS	5G-FR1/4G-LTE, CBRS, WiFi
Frequency, MHz	617-6000	698-3800	617-6000	617-3800	617-6000
Dimensions -L x W x H mm	440 x 210 x 65	195 x 315 x 74	308 x 422 x 100	305 x 410 x 84	420 x 308 x 82
Peak Gain, dBi	7.5-9.0	6.0-9.0	5.5-6.5	6.0-8.0	6.5-10.5
VSWR	<1.6:1	<1.8:1	<1.8:1	<2.0:1	<1.7:1
PIM Rating, dBc	<-153	<-150	<-153	<-150	<-153
SAR Compliant (CEI EN 50383)	✓	✓	✓	✓	✓

*SISO option available