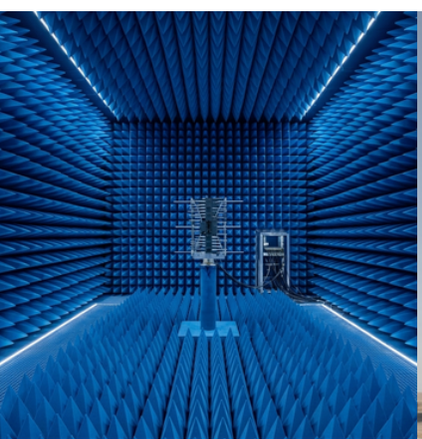
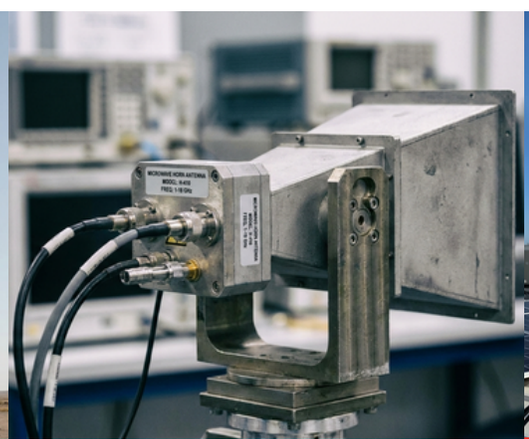
AntennaTec

HIGH-PERFORMANCE ANTENNA SOLUTIONS

ANTENNA PRODUCTS
CATALOGUE






ANTENNAS, SUBSYSTEMS AND CONSULTANCY

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ABOUT US

AntennaTec designs and manufactures high-performance antennas, antenna subsystems, and application-specific microwave solutions for commercial, industrial, research, defence, aerospace, and wireless communication applications. Our work covers a wide range of antenna technologies, including omnidirectional antennas, dipoles, horn antennas, LPDAs, helical antennas, spiral antennas, sector antennas, waveguide antennas, whip antennas, collinear antennas, reflector antennas, and direction-finding antenna systems.

With a strong focus on practical RF performance, mechanical integration, and customer-specific requirements, AntennaTec supports projects from early concept development through design, prototyping, testing, refinement, and production support. Our engineering approach combines electromagnetic design, RF measurement, mechanical design awareness, and application-driven optimisation to deliver reliable antenna solutions for demanding operating environments.

Products

AntennaTec offers a growing portfolio of standard and custom-engineered antenna products covering selected bands from low MHz frequencies through microwave and millimetre-wave ranges. Our products include receive and transmit antennas with linear, vertical, horizontal, dual-polarised, and circularly polarised configurations. These antennas support applications such as telecommunications, UAV links, RF monitoring, spectrum management, test and measurement, radar-related systems, direction finding, telemetry, sensing, and secure wireless communication.

Subsystems

AntennaTec develops integrated antenna subsystem solutions where the antenna is required to operate as part of a complete RF platform. These subsystems may include antenna arrays, multi-band antenna assemblies, mechanical mounting structures, RF interfaces, radome integration, switching arrangements, and application-specific antenna configurations. Such solutions are suitable for fixed-site installations, mobile platforms, UAV ground links, monitoring stations, communication networks, and specialist RF systems requiring practical integration and reliable field performance.

Capabilities

AntennaTec combines RF and microwave design expertise with electromagnetic simulation, antenna prototyping, RF measurement, mechanical layout consideration, and system-level integration support. Our capabilities include antenna concept development, frequency-band selection, impedance matching, radiation-pattern optimisation, gain and beamwidth refinement, polarisation control, connector/interface selection, and practical design review for manufacturability and deployment. This enables us to support both catalogue products and custom antenna developments for specific customer requirements.

Consultancy

AntennaTec provides technical consultancy and engineering support for antenna and RF system projects. Our consultancy services include feasibility studies, antenna selection, custom design review, RF performance improvement, measurement support, product documentation, subsystem integration guidance, and application-specific engineering recommendations. We work with customers to understand the operational requirement, identify suitable antenna technologies, and develop practical solutions aligned with frequency, gain, polarisation, size, mechanical, and deployment constraints.

OMNIDIRECTIONAL ANTENNAS

About our Omnidirectional Antennas

AntennaTec's omnidirectional antenna range is designed to provide reliable 360-degree RF coverage across selected communication, monitoring, and wireless frequency bands. The range includes compact vertical antennas, broadband monitoring antennas, blade-type antennas, dipole variants, and high-power vehicle-mounted solutions, supporting both fixed and mobile RF applications.

These antennas are suitable for telecom coverage, UAV and drone communication links, telemetry, industrial wireless systems, public-safety networks, spectrum monitoring, RF surveillance, and field-deployed communication platforms. With model-dependent gain, bandwidth, connector options, and mechanical configurations, AntennaTec omnidirectional antennas provide practical solutions where stable coverage, compact integration, and dependable RF performance are required.

Custom frequency bands, connector options, radome designs, mounting arrangements, and mechanical adaptations can be developed to meet specific installation and operational requirements.

Product No	Catalogue No	Frequency (GHz)	VSWR	Gain (dBi)	Polarization	Weight (g)	Connector
AT-O-2.1-2.4-N	AT-O-2.1-2.4-N-v1.0-0526	2.1-2.4	< 2:1	> 6	vertical	510 g	N-type
AT-O-0.4-6-N	AT-O-0.4-6-N-v1.0-0526	0.4-6	< 2.5:1	1-6	vertical	510 g	N-type
AT-O-1.2-1.5-S	AT-O-1.2-1.5-S-v1.0-0526	1.2-1.5	< 2:1	> 2	vertical	50 g	SMA
AT-O-0.5-3-N	AT-O-0.5-3-N-v1.0-0526	0.5-3	<2:1	2-6.5	vertical	565 g	N-type
AT-O-0.004-0.2-N	AT-O-0.004-0.2-N-v1.0-0626	0.004-0.2	<3:1	2	vertical	4.3 kg	N-type
AT-O-0.005-0.52-N	AT-O-0.005-0.52-N-v1.0-0626	0.005-0.52	<3.5	2	vertical	3 kg	N-type
AT-D-1.05-1.38-S	AT-D-1.05-1.38-S-v1.0-0626	1.05-1.38	< 2:1	2	linear	< 35 g	SMA
AT-D-0.79-1.22-S	AT-D-0.79-1.22-S-v1.0-0626	0.79-1.22	< 2:1	2	linear	< 20 g	SMA
AT-D-0.4-1-S	AT-D-0.4-1-S-v1.0-0526	0.4-1	< 2:1	2	linear	920 g	SMA
AT-D-1-3-S	AT-D-1-3-S-v1.0-0526	1-3	< 2:1	2	linear	66 g	SMA
AT-D-3-6-S	AT-D-3-6-S-v1.0-0526	3-6	< 2:1	2	linear	61 g	SMA

HORN ANTENNAS

About our Horn Antennas

AntennaTec's horn antennas provide high-gain directional RF coverage across a range of microwave frequency bands. Designed for stable beam performance, low VSWR, and efficient radiation, these antennas are suitable for applications requiring controlled directional transmission or reception in laboratory, field, and system-level environments.

The horn antenna range supports RF testing, antenna measurement, radar-related evaluation, telemetry links, microwave communication, EMC/EMI assessment, sensing, calibration, and broadband measurement applications. Depending on the model, the antennas can provide narrow-beam high-gain operation, wideband response, or compact directional coverage for practical integration with RF systems.

AntennaTec can support application-specific horn antenna designs, including different gain levels, frequency bands, connector interfaces, mechanical formats, and mounting requirements for specialised customer applications.

ntennaTec's COTS and custom-designed horn antennas provide high-gain directional coverage across a broad range of frequency bands, delivering exceptional RF performance for advanced communication, surveillance, and test applications.

Designed for operation in demanding laboratory and field environments, AntennaTec horn antennas combine robust mechanical construction with reliable broadband performance, ensuring long-term durability and consistent operational efficiency. As with other AntennaTec products, bespoke horn antenna designs and application-specific modifications can be developed to meet unique customer requirements and specialized mission profiles.

Product No	Catalogue No	Frequency (GHz)	VSWR	Gain (dBi)	Polarization	Power c.w. (W)	Connector
AT-H-2-4-N	AT-H-2-4-N-v1.0-0526	2-4	< 2:1	12	linear	200	N-type
AT-H-3.7-7.2-N	AT-H-3.7-7.2-N-v1.0-0526	3.7-7.2	< 2:1	18	linear	200	N-type
AT-H-1.95-2.6-N	AT-H-1.95-2.6-N-v1.0-0526	1.95-2.6	< 2:1	18	linear	200	N-type
AT-H-7.85-9.5-N	AT-H-7.85-9.5-N-v1.0-0526	7.85-9.5	< 2:1	20	linear	200	N-type
AT-H-2-18-S	AT-H-2-18-S-v1.0-0526	2-18	< 2:1	12	linear	50	N-type
AT-H-4-40-K	AT-H-4-40-K-v1.0-0526	4-40	< 2:1	6-16	linear	10	N-type

HELICAL ANTENNAS

About our Helical Antennas

AntennaTec's helical antennas provide circularly polarised directional performance for wireless links, telemetry, tracking, UAV communication, video transmission, aerospace-related RF systems, and field-deployed communication platforms. Their circular polarisation helps reduce sensitivity to antenna orientation and can improve link reliability in dynamic or multipath-prone operating conditions.

The range includes single-band, dual-band, dual-polarised, RHCP, LHCP, and compact bifilar-type antenna solutions across selected L-band, S-band, C-band, and higher microwave frequency ranges. Model-dependent gain, axial ratio, beamwidth, and mechanical form factor allow selection according to link distance, platform size, polarisation requirement, and operating environment.

AntennaTec can support custom helical antenna configurations, including application-specific frequency bands, gain optimisation, polarisation selection, radome integration, connector interfaces, and mechanical mounting options.

Product No	Catalogue No	Frequency (GHz)	VSWR	Polarization	Gain (dBi)	Axial Ratio	Connector
AT-HL-2.2-2.4-N	AT-HL-2.2-2.4-N-v1.0-0526	2.2-2.4	< 2:1	Dual Circular (RHCP&LHCP)	15	< 3 dBi	N-type
AT-HL-2.4-2.5-N	AT-HL-2.4-2.5-N-v1.0-0626	2.4-2.5, 5.1-5.9	< 2:1	Circular	14	< 3 dBi	N-type
AT-HL-1.1-1.8-N	AT-HL-1.1-1.8-N-v1.0-0626	1.1-1.8	< 2:1	Circular	9	< 2 dBi	N-type
AT-HL-1.8-2.8-N	AT-HL-1.8-2.8-N-v1.0-0626	1.8-2.8	< 2:1	Circular	10	< 2.5 dBi	N-type
AT-HL-2.8-4.2-N	AT-HL-2.8-4.2-N-v1.0-0626	2.8-4.2	< 2:1	Circular	9	< 2 dBi	N-type
AT-HL-4.2-5.5-N	AT-HL-4.2-5.5-N-v1.0-0626	4.2-5.5	< 2:1	Circular	10	< 2 dBi	N-type
AT-HL-4.4-6.4-N	AT-HL-4.4-6.4-N-v1.0-0626	4.4-6.4	< 2:1	Circular	12	< 2 dBi	N-type
AT-HL-6.2-8-N	AT-HL-6.2-8-N-v1.0-0626	6.2-8	< 2:1	Circular	12	< 2 dBi	N-type
AT-HL-1.1-1.62-N	AT-HL-1.1-1.62-N-v1.0-0626	1.1-1.62	< 2:1	Circular	10	< 1.5 dBi	N-type
AT-HL-2.4-2.5-N	AT-HL-2.4-2.5-N-v1.0-0626	2.4-2.5	< 1.5:1	Circular	13	< 3 dBi	N-type
AT-HL-5.72-5.88-N	AT-HL-5.72-5.88-N-v1.0-0626	5.72-5.88	< 1.5:1	Circular	16	< 1.5 dBi	N-type
AT-HL-4.5-5.9-S	AT-HL-4.5-5.9-S-v1.0-0626	4.5-5.9	<2:1	Circular(LHCP)	> 4	< 3dBi	SMA
AT-HL-4.4-5-S	AT-HL-4.4-5-S-v1.0-0626	4.4-5	<2:1	Circular(RHCP)	> 4	< 2dBi	SMA

LPDA ANTENNAS

About our LPDA Antennas

AntennaTec's Log Periodic Dipole Array antennas are designed to provide broadband directional coverage across selected VHF, UHF, L-band, S-band, and C-band frequency ranges. Their wide operating bandwidth, stable gain, and directional radiation characteristics make them suitable for applications where reliable broadband performance and improved rejection of unwanted signals are required.

These antennas are well suited for spectrum monitoring, RF surveillance, electronic support, EMC/EMI testing, broadband communication links, telemetry, field measurements, and direction-sensitive RF reception. Their log-periodic structure provides practical wideband operation while maintaining useful directional gain over the selected frequency range.

AntennaTec can develop LPDA antenna variants for specific frequency bands, gain targets, connector options, mounting structures, power levels, and platform integration requirements.

Product No	Catalogue No	Frequency (GHz)	VSWR	Gain (dBi)	Polarization	Power c.w. (W)	Connector
AT-L-0.4-6-N	AT-L-0.4-6-N-v1.0-0526	0.4-6	< 2.5:1	7-9	linear/vertical	200	N-type
AT-L-0.39-1.1-N	AT-L-0.39-1.1-N-v1.0-0526	0.39-1.1	< 2:1	7-9	linear/vertical	200	N-type
AT-L-0.05-0.41-N	AT-L-0.05-0.41-N-v1.0-0526	0.05-0.41	<2.5:1	5-9	linear/vertical	200	N-type
AT-L-0.3-0.5-N	AT-L-0.3-0.5-N-v1.0-0526	0.3-0.5	<2:1	6-9	linear/vertical	200	N-type
AT-L-0.5-2-N	AT-L-0.5-2-N-v1.0-0526	0.5-2	<2:1	6-9	linear/vertical	200	N-type
AT-L-2-4-N	AT-L-2-4-N-v1.0-0526	2-4	<2:1	6-9	linear/vertical	200	N-type
AT-L-4-6-N	AT-L-4-6-N-v1.0-0526	4-6	<2:1	6-9	linear/vertical	200	N-type

SPIRAL & SINUOUS ANTENNAS

About our Spiral & Sinuous Antennas

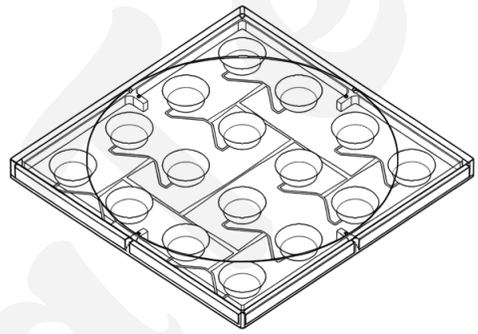
AntennaTec's spiral and sinuous antenna range is developed for broadband and ultra-wideband RF applications requiring compact aperture size, stable directional performance, and flexible polarisation capability. Spiral antennas are suitable for circularly polarised operation, while sinuous antennas support wideband dual-polarised reception for signals with varying or unknown polarisation states. This category supports applications such as EW, SIGINT, ESM, RWR, direction finding, spectrum monitoring, reflector-feed systems, RF measurement, airborne and ground platforms, and low-power jamming applications. Available designs may include LHCP and RHCP spiral antennas, dual-linear or dual-circular sinuous antennas, cavity-backed structures, radome-enclosed configurations, single-element antennas, array-ready formats, and platform-mounted solutions. Custom designs can be developed according to required frequency range, polarisation, beamwidth, gain, connector interface, mechanical size, radome requirement, mounting arrangement, and deployment environment.

Product No	Catalogue No	Frequency (GHz)	VSWR	Gain (dBi)	Polarization	Axial Ratio	Connector
AT-S-1-18-S	AT-S-1-18-S-v1.0-0626	1-18	< 2:1	typ. 3, max. 5	circular	< 2 dBi	SMA
AT-S-1-6-S	AT-S-1-6-S-v1.0-0626	1-6	< 2:1	typ. 2.5, max. 4	circular	< 2 dBi	SMA
AT-S-6-18-S	AT-S-6-18-S-v1.0-0626	6-18	< 2:1	typ. 2.5, max. 3.5	circular	< 3 dBi	SMA
AT-S-18-42-C	AT-S-18-42-C-v1.0-0626	18-42	< 2:1	typ. 3, max 4.5	circular	< 2.5 dBi	2.4 mm male

PLANAR ANTENNAS

About our Planar Antennas

AntennaTec's planar array antenna range is developed for applications requiring high-gain directional coverage, controlled beam performance, and compact low-profile integration across selected wireless and microwave frequency bands. These antennas are designed with attention to beam stability, reduced side-lobe levels, low cross-polarisation performance, and reliable signal reception, making them suitable for tracking systems, telemetry links, UAV ground stations, wireless monitoring platforms, point-to-point communication, RF testing, and application-specific RF installations.



The planar array architecture supports flush-mounted or mechanically integrated installation where aerodynamic profile, platform compatibility, and robust construction are important. Available models can be configured according to operating frequency, gain, polarisation, connector interface, beamwidth, mounting approach, radome requirement, and environmental considerations. This antenna range is suitable for customers requiring dependable directional RF performance, practical installation, and mechanically robust antenna solutions for communication, monitoring, testing, and tracking applications.

Product No	Catalogue No	Frequency (GHz)	VSWR	Gain (dBi)	Polarization	Substrate	Connector
AT-A-1.35-1.45-S	AT-A-1.35-1.45-S-v1.0-0626	1.35-1.45	< 2:1	16	linear	FR-4	SMA
AT-A-27-29-C	AT-A-27-29-C-v1.0-0626	27-29	< 2:1	20.3	linear	Rogers 5880	2.4 mm

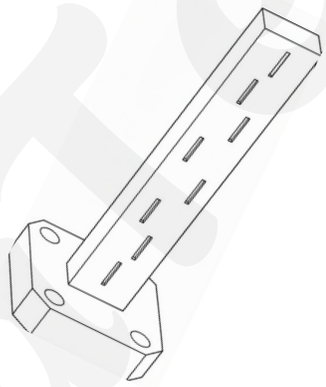
SLOTTED WAVEGUIDE ANTENNAS

About our Slotted Waveguide Antennas

AntennaTec's slotted waveguide antennas are developed for high-gain, high-directivity microwave applications requiring controlled beam shape, efficient aperture radiation, and stable X-band performance. Based on precision waveguide-fed slotted structures, these antennas provide focused directional coverage with low side-lobe behaviour and practical mechanical integration.

The range is suitable for radar-related systems, microwave links, tracking, sensing, RF testing, antenna evaluation, field measurement, and high-frequency communication applications. Different models offer alternative frequency ranges, beamwidths, gain levels, side-lobe performance, and waveguide interface options to support specific system requirements.

AntennaTec can develop waveguide antenna solutions for customised frequency bands, beam requirements, feed arrangements, side-lobe targets, mechanical integration, and specialised high-frequency RF applications.



Frequency Range (GHz)	Catalogue No	3dB Beamwidth (Deg)	Feed	Gain (dBi)	Side-lobe level	Waveguide size
9.3-9.4	AT-SW-9.3-9.4-F-v1.0-0626	10	Linear (H)	25	-25	WR112/WG15
9.4-9.5	AT-SW-9.3-9.4-F-v1.0-0626	3.5	Linear(H)	34	-30	WR90 / WG16
9.7 - 9.8	AT-SW-9.3-9.4-F-v1.0-0626	3.5	Linear(H)	34	-30	WR90 / WG16
9.25 - 9.37	AT-SW-9.3-9.4-F-v1.0-0626	4.5 (Az) / 6.0 (El)	Linear(H)	30.5	-22	WR90 / WG16
9.20 - 9.30	AT-SW-9.3-9.4-F-v1.0-0626	2.0 (Az) / 22.0 - 40.0 (El)	Mono-pulse (V)	28	-29	WR90 / WG16
3.0	AT-SW-3-F-v1.0-0626	1.4	Linear (H)	45	-25	WR284

REFLECTOR/DISH ANTENNAS

About our Reflector Antennas

AntennaTec's reflector antennas provide high-gain directional performance for microwave communication, radar-related systems, telemetry, tracking, sensing, RF testing, and long-range point-to-point applications. Reflector-based antenna systems are suitable where narrow beamwidth, high gain, improved front-to-back performance, and efficient aperture operation are required.

The reflector antenna range includes models covering selected L-band, S-band, C-band, X-band, Ku-band, K-band, and wider microwave frequency ranges, with different gain levels, power handling, polarisation options, and reflector diameters. These antennas can be used for receive and transmit applications, including monitoring systems, communication links, test ranges, radar evaluation, surveillance platforms, and specialist RF measurement setups.

AntennaTec can support reflector antenna configurations with customised feed designs, polarisation options, reflector sizes, mounting arrangements, connector interfaces, and application-specific mechanical or RF performance requirements.

Product No	Catalogue No	Frequency (GHz)	Power (W)	Gain (dBi)	Dimensions	Polarization
AT-R-4.4-5.875-N	AT-R-4.4-5.875-N-v1.0-0626	4.4-5.875	10 W	> 30	Ø 0.94 m	V & H
AT-R-4.4-5-N	AT-R-4.4-5-N-v1.0-0626	4.4-5	20 W	27	Ø 0.77 m	V/H
AT-R-2-18-S	AT-R-4.4-5-N-v1.0-0626	2-18	20 W	24.5 to 38	Ø 1230 mm	V/H
AT-R-1.35-2.69-S	AT-R-4.4-5-N-v1.0-0626	1.35-2.69	50 W	25	Ø 1300mm x 270mm	V/H
AT-R-8-12-S	AT-R-4.4-5-N-v1.0-0626	8-12	40W	37.2 to 40.9	Ø 1230 mm	V/H
AT-R-6-18-S	AT-R-4.4-5-N-v1.0-0626	6-18	200W	27 to 33.7	Ø 640 mm	V/H
AT-R-8-18-S	AT-R-4.4-5-N-v1.0-0626	8-18	1.5kW Peak	30.5 to 36.9	Ø 630 mm	V/H
AT-R-1-2-S	AT-R-4.4-5-N-v1.0-0626	1-2	250W	22.5 to 28.7	Ø 1860 mm	V/H
AT-R-7.5-18-S	AT-R-4.4-5-N-v1.0-0626	7.5-18	200W	27.5 to 33	Ø 483 mm	V/H
AT-R-18-26-F	AT-R-4.4-5-N-v1.0-0626	18-26	600W	37.5 to 39.5	Ø 125 mm pitch circle	V/H

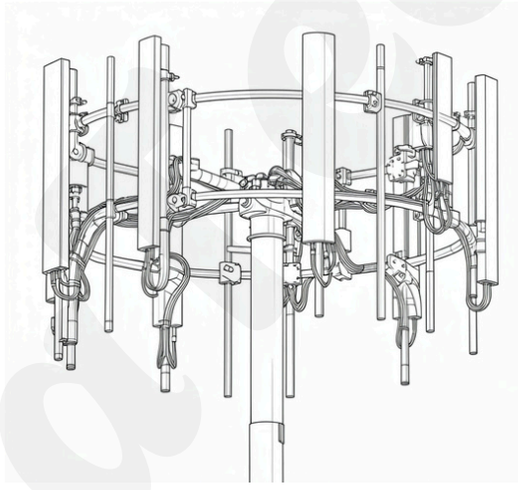
SECTOR / BASE STATION ANTENNAS

About our Sector Antennas

AntennaTec's sector antennas are designed for fixed-site wireless coverage, base-station deployment, point-to-multipoint links, and controlled area coverage across selected UHF and telecom frequency bands. The range includes model-dependent beamwidth, gain, and frequency options to support different coverage geometries and network requirements.

These antennas are suitable for private wireless networks, industrial communication systems, telecom coverage, public-safety infrastructure, remote-site connectivity, monitoring networks, and coverage-focused RF systems. Their controlled azimuth performance and high-gain operation help improve link stability and coverage planning in fixed communication environments.

AntennaTec can support customised sector antenna solutions, including different beamwidths, frequency allocations, mounting arrangements, connector types, radome configurations, and coverage requirements for specific deployment scenarios.



Frequency Range (MHz)	Catalogue No	3dB Beamwidth (Deg)	Electrical downtilt(°)	Tilt Method	Gain (dBi)	Connector
450-470	AT-SE-0.45-0.47-X-v1.0-0626	360	0	FET	9	7/16 DIN Female
790-960	AT-SE-0.45-0.47-X-v1.0-0626	65	0	FET	17	7/16 DIN Female
806-960	AT-SE-0.45-0.47-X-v1.0-0626	65	0	FET	17	7/16 DIN Female
1710-2170	AT-SE-0.45-0.47-X-v1.0-0626	90	0	FET	17	7/16 DIN Female
1710-2200	AT-SE-0.45-0.47-X-v1.0-0626	65	0	FET	18	7/16 DIN Female

DF ANTENNAS

About our DF Antennas

AntennaTec's direction-finding (DF) antenna systems are designed for receive-side RF monitoring, signal-location, spectrum-surveillance, and bearing-estimation applications across selected VHF, UHF, and microwave frequency bands. These systems support wideband RF awareness where accurate signal reception, stable sensitivity, and practical platform integration are required.

The range includes multi-element dipole interferometer systems intended for use with compatible phase-sensitive DF receivers and correlative interferometer direction-finding algorithms. With vertically polarised elements, wide azimuth coverage, RG-400 coaxial outputs, and mast-mounted mechanical structures, these antenna systems are suitable for fixed monitoring stations, mobile DF platforms, spectrum enforcement, RF surveillance, border and coastal monitoring, and field-deployed signal intelligence applications.

AntennaTec can support system-specific DF antenna developments, including frequency-band selection, receiver interface requirements, element arrangement, calibration or characterisation support, mounting configuration, and mechanical integration for customer-specific monitoring platforms.

Product No	Catalogue No	Frequency (GHz)	Number of antenna elements	Azimuth coverage	Output cables	Polarization
AT-DF-0.1-1-S	AT-DF-0.1-1-S-v1.0-0626	0.1-1	10 elements, 5 elements per band	360° H-plane coverage	RG-400 coaxial cables	Vertical
AT-DF-0.4-6-S	AT-DF-0.4-6-S-v1.0-0626	0.4-6	Five DF elements per operating band	360° direction-finding coverage	RG-400 coaxial cables	Vertical

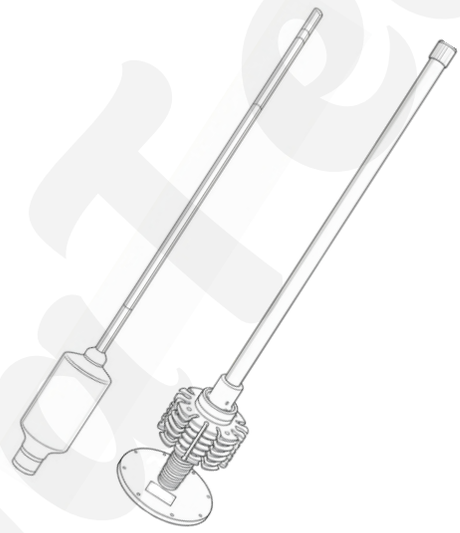
VEHICULAR & WHIP ANTENNAS

About our Whip Antennas

AntennaTec's whip antennas provide broadband omnidirectional VHF/UHF coverage for mobile, portable, and field-deployed communication systems. Designed for vertical polarisation and 360-degree radiation coverage, these antennas are suitable for platforms requiring practical wideband RF connectivity over low-frequency communication bands.

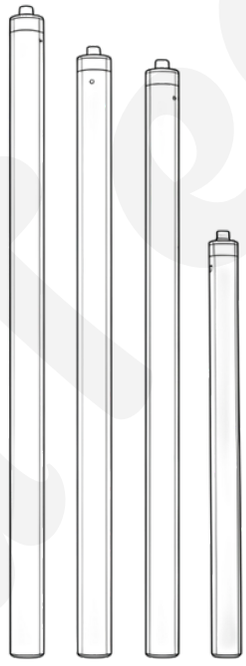
The whip antenna range supports vehicle-mounted communication, portable radio platforms, public-safety networks, mobile monitoring units, field communication systems, tactical radio links, and broadband RF monitoring applications. Model-dependent connector options, weight, VSWR, and gain characteristics allow selection according to platform type, frequency requirement, and installation constraints.

AntennaTec can support custom whip antenna configurations, including different frequency ranges, connector types, mechanical lengths, mounting options, and ruggedised formats for specific operational requirements.



Product No	Catalogue No	Frequency Range (MHz)	VSWR	Weight	Gain (dBi)	Radiation Pattern	Connector
AT-W-0.03-0.52-N	AT-O-0.004-0.2-N-v1.0-0626	30-520	<3.5	200g	-16 to 0	Omnidirecional	Male N-type
AT-W-0.03-0.51-T	AT-O-0.004-0.2-N-v1.0-0626	30-512	<3.5	75g	-16 to 0.5	Omnidirecional	Male TNC-type
AT-W-0.02-0.512-N	AT-O-0.004-0.2-N-v1.0-0626	25-512	<3.5	500g	-16 to 0	Omnidirecional	Male N-type
AT-W-0.03-0.51-N	AT-O-0.004-0.2-N-v1.0-0626	30-512	<3	410g	-10 to 0	Omnidirecional	Male N-type
AT-O-0.004-0.2-N	AT-O-0.004-0.2-N-v1.0-0626	4-200	<3:1	4.3 kG	2	Omnidirecional	N-type
AT-O-0.005-0.52-N	AT-O-0.004-0.2-N-v1.0-0626	5-520	<3.5	3 kg	2	Omnidirecional	N-type

COLLINEAR ANTENNAS



About our Collinear antennas

AntennaTec's collinear antennas are designed to provide high-gain omnidirectional performance for fixed-site, base-station, and long-range wireless communication applications. By using vertically stacked radiating sections, collinear antennas concentrate RF energy toward lower elevation angles, supporting extended coverage while maintaining 360-degree azimuth performance.

These antennas are suitable for private wireless networks, telemetry systems, industrial communication, remote monitoring sites, public-safety infrastructure, base-station coverage, and fixed RF installations requiring dependable omnidirectional range. Model-dependent gain, frequency band, power handling, and connector options allow selection for different system requirements.

Frequency Range (MHz)	Catalogue No	Power (W)	VSWR	Beamwidth (Deg)	Gain (dBi)	Radiation Pattern	Connector
420-520	AT-C-0.42-0.52-N-v1.0-0626	200	<2	360°	6	Omnidirecional	N-type
865-930	AT-C-0.42-0.52-N-v1.0-0626	200	<2	360°	7	Omnidirecional	N-type
1100-1300	AT-C-0.42-0.52-N-v1.0-0626	200	<2	360°	7	Omnidirecional	N-type
1400-1650	AT-C-0.42-0.52-N-v1.0-0626	200	<2	360°	8	Omnidirecional	N-type
2400-2500	AT-C-0.42-0.52-N-v1.0-0626	200	<2	360°	9	Omnidirecional	N-type
5100-5900	AT-C-0.42-0.52-N-v1.0-0626	200	<2	360°	9	Omnidirecional	N-type
902-930	AT-C-0.9-0.93-N	200	<2	360°	7	Omnidirecional	N-type
1555 -1615	AT-C-1.55-1.61-N	200	<2	360°	7	Omnidirecional	N-type
2400-2500	AT-C-2.4-2.5-N	200	<2	360°	7	Omnidirecional	N-type
5720-5880	AT-C-5.72-5.88-N	200	<2	360°	7	Omnidirecional	N-type

PERFORMANCE WITHOUT COMPROMISE

AntennaTec

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