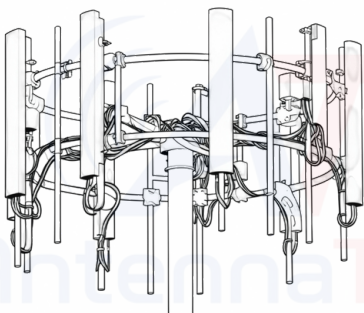


AT-SE-0.45-0.47-X



Please contact AntennaTec for a full interface control drawing.

450-470 MHz vertically polarized sector antennas fitted with an DIN connector

Key Specifications

Operating frequency band	450 - 470 MHz
Connector	DIN female
VSWR	< 2:1
Gain	9 dBi
3dB Beamwidth	360 degrees
Polarization	Vertical polarization
Impedence	50 Ω

This sector antenna range is designed for fixed-site wireless coverage across selected UHF and telecom frequency bands, providing dependable area and sector coverage for base-station, point-to-multipoint, and private wireless network deployments. With model-dependent beamwidth options, high-gain performance, vertical polarisation, and 7/16 DIN female interfaces, these antennas support stable signal distribution, improved link reliability, and practical integration into communication sites, industrial wireless networks, public-safety infrastructure, remote-site connectivity, and coverage-focused RF systems requiring controlled azimuth performance and long-term operational stability.

List of sector antennas

Frequency Range (MHz)	Product No	3dB Beamwidth	Electrical downtilt (°)	Tilt Method	Gain (dBi)	Connector
450-470	AT-SE-0.45-0.47-X	360	0	FET	9	7/16 DIN Female
790-960	AT-SE-0.79-0.96-X	65	0	FET	17	7/16 DIN Female
806-960	AT-SE-0.8-0.96-X	65	0	FET	17	7/16 DIN Female
1710-2170	AT-SE-1.71-2.17-X	90	0	FET	17	7/16 DIN Female
1710-2200	AT-SE-1.71-2.2-X	65	0	FET	18	7/16 DIN Female

Antenna family	Sector / base-station coverage antennas
Coverage Type	Area coverage and sectorised wireless coverage, depending on selected model
Network Role	Fixed-site communication, base-station coverage, and point-to-multipoint wireless link
Beam Configuration	360°, 65°, or 90° azimuth beamwidth options depending on model
Gain Class	Medium- to high-gain sector coverage, model dependent
Polarisation	Vertical polarisation
Downtilt Configuration	0° electrical downtilt as listed for available models
Tilt Method	FET, as listed in the product selection table
RF Interface	7/16 DIN female connector
Nominal Impedance	50 Ω
Installation Type	Fixed-site installation for mast, tower, rooftop, or communication-site deployment
Typical Applications	Base-station coverage, private wireless networks, industrial communication, public-safety systems, remote-site connectivity, and point-to-multipoint links
Selection Guidance	Select the model according to operating frequency band, required beamwidth, gain, and coverage area
Documentation	Full interface control drawing and additional product information available on request
Additional Data	Mechanical mounting details, radome information, wind loading, and environmental rating may be added when available

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