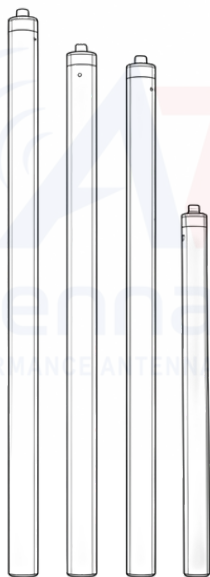


AT-C-0.42-0.52-N



Key Specifications

Operating frequency band	420-520 MHz
Connector	N-type
VSWR	< 2:1
Polarization	Vertical
Beamwidth	360°
Dimensions	1.7 m
Gain	6 dBi

AntennaTec's wideband collinear antenna range is developed for fixed-site and base-station applications requiring broader frequency coverage, higher omnidirectional gain, and reliable 360-degree vertical RF performance. The range includes models covering 420–520 MHz, 865–930 MHz, 1100–1300 MHz, 1400–1650 MHz, 2400–2500 MHz, and 5100–5900 MHz, with model-dependent bandwidth, gain from 6 to 9 dBi, low VSWR, and N-type interfaces. These antennas are suitable for private wireless networks, industrial communication systems, remote monitoring sites, telemetry infrastructure, public-safety coverage, and fixed RF installations where extended omnidirectional range and practical outdoor integration are required.

Please contact AntennaTec for a full interface control drawing.

List of collinear antennas

Frequency Range (MHz)	Product No	% BW	VSWR	Beamwidth	Gain (dBi)	Radiation Pattern	Connector
420-520	AT-C-0.42-0.52-N	21.28%	<2	360°	6 dBi	Omnidirectional	N-type
865-930	AT-C-0.86-0.93-N	7.24%	<2	360°	7 dBi	Omnidirectional	N-type
1100-1300	AT-C-1.1-1.3-N	16.66%	<2	360°	7 dBi	Omnidirectional	N-type
1400-1650	AT-C-1.4-1.65-N	16.4%	<2	360°	8 dBi	Omnidirectional	N-type
2400-2500	AT-C-2.4-2.5-N	4.05%	<2	360°	9 dBi	Omnidirectional	N-type
5100-5900	AT-C-5.1-5.9-N	14.54%	<2	360°	9 dBi	Omnidirectional	N-type

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