

## Proscend A500 5G/LTE External Antenna Series

### Introduction

Proscend A500 5G/LTE External Antenna Series is designed as companion parts for 5G/4G/3G cellular routers. A wide variety of antennas offer high reliability, excellent coverage, high efficiency, and gain performances, with various mounting structures and cable lengths. The A500 Series offers flexible solution design for system integrators installing 5G/LTE cellular routers in the buildings, in the outdoor cabinets, or industrial automation equipment for connecting to the Internet.



### Features

- Wide frequency range supporting 5G/4G/3G bands
- Multiple frequencies ranging from 600MHz to 6000MHz
- Antenna connector supports SMA Male (Plug) or N-type Male
- Cable lengths range from 1 meter to 3 meters
- Panel-mounted, magnet-mounted, and direct-mounted antennas
- Waterproof and dustproof housing with IP67 grade protection on selected type

### Specifications

Model Name	A551I-F1	A552I-F1	A510-F1	A520I-F1	A551I-F4	A543I-L1	A510-L1
Appearance							
Application	5G, LTE	5G, LTE	5G, LTE	5G, LTE	5G	LTE	LTE
Antenna Number	1	1	1	1	4	1	1
Frequency	700-6000 MHz	700-6000 MHz	700-5000 MHz	600-5000 MHz	600-6000 MHz	700-2700 MHz	700-2700 MHz
Radiation Pattern	Omni-directional	Omni-directional	Omni-directional	Omni-directional	4x4 MIMO	Omni-directional	Omni-directional
Cable Length	1 meter	2 meters	N/A	N/A	1 meter x 4	3 meters	N/A
Peak Gain	3.0dBi	3.0dBi	3.0dBi	3.0dBi	3.0dBi	2.0dBi	2.0dBi
Mounting	Panel Mount	Panel Mount	Direct Mount	Direct Mount	Panel Mount	Magnetic Mount	Direct Mount
Connector	SMA Male	SMA Male	SMA Male	N-type Male	SMA Male x 4	SMA Male	SMA Male
Size	47 x 47 x 16 (mm)	47 x 47 x 16 (mm)	222 x 27 x 13 (mm)	300 x 22 x 20 (mm)	68 x 68 x 188 (mm)	90 x 90 x 30 (mm)	222 x 27 x 13 (mm)

## Ordering Information

Model Name	Description
A551I-F1	5G/4G Omni-directional Dome Antenna, 1M, Panel Mount, IP67
A552I-F1	5G/4G Omni-directional Dome Antenna, 2M, Panel Mount, IP67
A510-F1	5G/4G Omni-directional Blade Antenna, Direct Mount
A520I-F1	5G/4G Omni-directional Straight Antenna, Direct Mount, IP67
A551I-F4	5G/4G 4x4 MIMO, Dome Antenna, 1M, Panel Mount, IP67
A543I-L1	LTE Omni-directional Dome Antenna, 3M, Magnetic Mount, IP67
A510-L1	LTE Omni-directional Blade Antenna, Direct Mount

**NOTE:** Features and specifications are subject to change without prior notice.