

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 a flexible solution design for system integrators installing 5G/LTE cellular routers in buildings, 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 6 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	A552I-F4	A556I-F4	A543I-L1
Appearance							
Application	5G, LTE	5G, LTE	5G, LTE	5G, LTE	5G, LTE	5G, LTE	LTE
Antenna Number	1	1	1	1	4	4	1
Frequency	700-6000 MHz	700-6000 MHz	700-5000 MHz	600-5000 MHz	600-6000 MHz	600-6000 MHz	700-2700 MHz
Radiation Pattern	Omni-directional	Omni-directional	Omni-directional	Omni-directional	4x4 MIMO	4x4 MIMO	Omni-directional
Cable Length	1 meter	2 meters	N/A	N/A	2 meters x 4 RG-174	6 meters x 4 RG-58	3 meters
Peak Gain	3.0dBi	3.0dBi	3.0dBi	3.0dBi	-2.0dBi Cable Loss:4.3dBi	-1.0dBi Cable Loss:4.7dBi	2.0dBi
Mounting	Panel Mount	Panel Mount	Direct Mount	Direct Mount	Panel Mount	Panel Mount	Magnetic Mount
Connector	SMA Male	SMA Male	SMA Male	N-type Male	SMA Male x 4	SMA Male x 4	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)	68 x 68 x 188 (mm)	90 x 90 x 30 (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
A552I-F4	5G/4G Dome Antenna, 4X4 MIMO,2M, IPx6, Panel Mount
A556I-F4	5G/4G Dome Antenna, 4X4 MIMO,6M, IPx6 Panel Mount
A543I-L1	LTE Omni-directional Dome Antenna, 3M, Magnetic Mount, IP67

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