4G Cellular Rubber SMA-M 3.8dBi Antenna

Overview

The 4G rubber antenna covers the 700-960 MHz and 1710-2690 MHz bands. With up to 3.8 dBi of gain and an omni-directional radiation pattern, it delivers reliable wireless performance for a wide range of 3G/4G modems, routers, and gateways.

Terminating in a standard SMA male connector, the antenna is rated from -40°C to +85°C, making it suitable for demanding indoor and outdoor cellular connectivity applications.

Key Features

Dual-Band Frequency Coverage

Operates across 700-960 MHz and 1710-2690 MHz for broad cellular compatibility.

Up to 3.8dBi Gain

3.7 dBi @700-960 MHz and 3.8 dBi @1710-2690 MHz for extended range.

Low VSWR

3.0 Max @700-960 MHz and 2.0 Max @1710-2690 MHz for efficient power transfer.

Wide Operating Temperature Range

Rated for continuous operation from -40°C to +85°C.

Omni-Directional Radiation

Consistent 360° coverage in every direction for reliable connectivity.

SMA Male Connector

Standard SMA male termination for simple, secure installation.

Electrical Specifications

Frequency Range	700 ~ 960 MHz / 1710 ~ 2690 MHz
Antenna Gain	3.7 dBi @700-960MHz / 3.8 dBi @1710-2690MHz
V.S.W.R	3.0 Max @700-960MHz / 2.0 Max @1710-2690MHz
Polarization	Linear
Radiation Pattern	Omni-directional
Impedance	50 Ohm
Connector	SMA Male

Environment

Operating Temperature	-40°C ~ +85°C

Certification

RoHS Compliant

Mechanical

Diameter	Ø15.8 mm
Overall Length	196.5 ± 4.0 mm
Connector	SMA Male
Mounting Type	Screw-on (angled swivel joint)

Ordering Information

Part Number	HTL-NET-ANT-E003220_01

Specifications

Unit Structure