

Smarteq™ TRA LTE Omnidirectional Multiband Rubber Antenna

Cellular Antennas – 2G/3G/4G LTE + NB-IoT

710401, 710426



Description

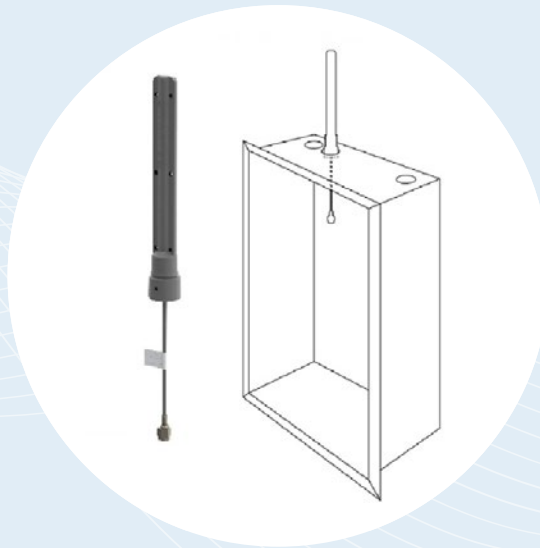
Multiband rubber antenna delivers optimal RF performance.

Technologies

- 2G/3G/4G LTE
- NB-IoT

Features

- Frequency: 698-960/1710-2700MHz
- Flexible
- Easy to install



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The Smarteq™ TRA LTE Omnidirectional Multiband Rubber Antenna features a slim and discreet design. It operates simultaneously in the 698-960MHz and 1710-2700MHz bands with optimal antenna performance. It is designed to be a feed-through mount that performs well for metallic or non-metallic surfaces.

Features

- Easy installation – Pushed through a hole in metal cabinets or other material surfaces
- Frequency range: 698-960/1710-2700MHz
- Flexible

Applications

- Smart meters
- Vending machines
- IoT devices
- Utilities and industrial system
- Other indoor/outdoor areas

Certifications



SPECIFICATIONS



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Standard Configurations

Part Numbers	Cable Type	Cable Length	Connector	Color
710401	RG316	1m	SMB-f Au-plated	Gray or Black
710426	RG316	1.5m	MCX-m angle	Gray or Black

Electrical Specifications – All Models

Frequency Ranges	698 - 760 MHz	790 - 960 MHz	1710 - 2170 MHz	2200 - 2690 MHz
VSWR*	< 2.5:1	<2:1	< 2.3:1	< 2:1
Typical Efficiency* [dB]	70%	70%	60%	65%
Typical 3D Peak Gain*	3 dBi	3 dBi	3.5 dBi	4.9 dBi
Nominal Impedance	50Ω			
Polarization	Linear			
Pattern Azimuth	Omnidirectional			
Max. Power	20W (ambient temp. of 25°C)			
DC Short	Yes			

Mechanical and Environmental Specifications – All Models

Dimensions (Lx bottom Ø)	120 x 20 mm
Weight	~ 37g (including 1.2meter RG316 cable and connector)
Installation	Feed through for hole dimension Ø16mm or Ø20mm with adapter ring.
Operating / Storage Temperature	-40°C to +85°C
IP Class	IP65
Certifications	RoHS compliant

* Antenna measurements performed through metallic plate with 30 cm RG316 cable.

CONTACT US

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this product contact your
sales representative or visit
> pctel.com/antenna-products**

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