

TRA LTE Antenna

2G/3G/4G + NB-IoT LTE Multiband Feed Through Antenna

The TRA LTE is an Omni-directional multi-band rubber antenna with a slim and discreet design. It operates simultaneously in the 698-960MHz and 1710-2700 bands with optimal antenna performance. It 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.

BENEFITS

- 698 – 960/1710-2700MHz
- Flexible

MARKETS

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

SPECIFICATIONS

Electrical

Frequency band [MHz]	698–760	790–960	1710–2170	2200–2690
VSWR*	< 2.5:1	<2:1	< 2.3:1	< 2:1
Typical Efficiency* [dB]	70%	70%	60%	65%
Typical 3D Peak Gain*	3	3	3.5	4.9
# port	1			
Impedance	50Ω			
Polarization	Linear			
Pattern Azimuth	Omni-directional			
Max power	20W (ambient temp. of 25°C)			
DC short	Yes			

Mechanical

Dimension (Lx bottom Ø)	120 x 20 mm
Weight	~ 37g (include 1.2meter RG316 cable and connector)
Installation	Feed through for hole dimension Ø16mm or Ø20mm with adapter ring.
Color	Grey, black
Cable	RG316, 1.2 meter standard or upon request
Connector	SMB-f Au-plated standard or upon request
IP class	IP65
Temperature (operating/storage)	-40°C~ +85°C
RoHs compliant	Yes

*Antenna measurement performed through metallic plate with 30 cm RG316 cable. Smarteq reserves the right to change specifications without prior notice.