

# SmartBlade™ LTE

## 2G/3G/4G/5G LTE Multiband Bar Antenna



SmartBlade™ is an Omni-directional, 5G ready, multi-band antenna with a discreet design. It is designed to meet the need for reliable communications for M2M, vehicles and energy applications.

### FEATURES

- Easy installations with adhesive mount on glass or other non-conductive surface

### BENEFITS

- 698 – 960 MHz/1420 – 1520MHz/1710 – 2690 MHz / 3400-3800MHz
- Slim and flexible design made it suitable for curved surface mounting.

### MARKETS

- Tracking devices
- Vehicle sectors
- Utilities and industrial control system, remote monitoring
- IoT
- Other indoor and outdoor areas

## SPECIFICATIONS

### ELECTRICAL

Frequency Band [MHz]	698-780	790-960	1427-1510	1710-2170	2200-2690	3400-3800
VSWR	< 2.2:1	< 2:1	<2:1	<2:1	< 2:1	< 3:1
Efficiency (%)	55%	68%	70%	70%	62%	45%
3D Max Gain (dBi)	1.5	2.5	3	4.5	5.5	2.5
# port	1					
Impedance	50Ω					
Polarization	Linear					
Pattern Azimuth	Omni-directional					
Max power	10W (ambient temp. of 25°C)					

### MECHANICAL

Dimension (LxWxH)	114 x 24 x 4.4 (incl. 1.3mm 3M adhesive)
Weight	~ 20g (incl. 20cm cable with SMA connector)
Color	Grey, black
Cable	RG316, standard or up request
Connector	SMA(m) standard or upon request
Material	Dryflex, FR4
Installation	Adhesive mount on non-conductive surface
Temperature (storage/operating)	-40°C~ +85°C
IP Class	IP65
RoHs compliant	Yes

*\*All RF data are performed on a 5mm thick glass with a 20cm long RG316 cable. Smarteq reserves the right to change specifications without prior notice.*