

SmartBlade™ LTE

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



SmartBlade™ is an Omni-directional multi-band antenna with a slim and discreet design. It is designed to meet a constant need for improved and reliable communications such as 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
- 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
VSWR	< 2.2:1	< 2:1	<2:1	<2:1	< 2:1
Efficiency (%)	55%	68%	70%	70%	62%
3D Max Gain (dBi)	1.5	2.5	3	4.5	5.5
# 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
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.*