



# SmartBlade™ LTE

## Cellular 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. It is the perfect solution for objects when outside installation is not an option.

- 698-960MHz / 1710-2690MHz
- Easy installation with adhesive mount on glass or other non-conductive surface.
- Slim and flexible design made it suitable for confirmable surface mounting.

### Specifications

#### Electrical

Frequency band	698-790 MHz	790-960 MHz	1710-2170 MHz	2400 – 2690 MHz
VSWR* (typical)	< 2:1	< 2:1	< 2:1	< 2.5:1
Peak gain*** [dBi] (typical)	1.5	2.5	2.5	3
Total efficiency* * (average)	55%	60%	70%	70%
# Port	1			
Impedance	50Ω			
Polarization	Linear			
	10W			

#### Mechanical

Dimensions (L x W x H)	114 x 24x 4.4 (incl. 1.3mm 3M adhesive)			
Weight	180g (incl. 20 cm cable with SMA connector)			
Cable	RG174, black Different cable lengths are available upon request			
Connector	SMA-m Different connectors are available upon request			
Material	Dryflex, FR4			
Color	Black/Grey			
Installation	Adhesive mount on non-conductive surface			
Temperature	Storage / Operating -40°C to +85°C			
RoHS compliant	Yes			

Smarteq reserves the right to change specifications without prior notice.

\*All RF data were performed on a 5mm thick glass with 2.5 meter cable.

\*\* Efficiency measured on glass without cable impact

\*\*\* Gain based on long cable on non-conductive surface.