

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
3300 - 4200MHz
4400 - 5000MHz
- 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	1710-2690	3300-4200	4400-5000
VSWR	< 2.2:1	< 2:1	<2:1	<2:1	< 2:1	< 3:1
Efficiency (%)	55%	68%	70%	62%	62%	45%
3D Max Gain (dBi)	1.5	2.5	3	4.5	5.5	3
# 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.*

Part number	Color	Cable length (m)	Connector type
710376	Black	2,5	FME(f)
710418	Black	2,5	SMA(m)
710399	Black	0,5	SMA(m)
710408	Grey	1,5	SMA(m)

Other cable lengths and connectors are available upon request.

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