

# A-ANTENNAS

Part Number: 5-1001-45

## A-Antennas Quad band antenna

Frequency	790-960MHz, 1710-2170MHz, 2500-2690MHz	
Gain*	790-960Mhz	0dBd ( $\approx$ 2dBi)
	1710-2170MHz	0dBd ( $\approx$ 2dBi)
	2170-2600MHz	0dBd ( $\approx$ 2dBi)
VSWR*	790-960MHz	2.5:1
	1710-2600MHz	2.5:1
Impedance	50 $\Omega$	
Temperature range	-40°C to +85°C	
Maximum Humidity	RH 95% non condensing	
ROHS/WEEE/CE	Yes	
UV protection	>10 years	
Wind resistance	>150km/h	
IP class	IP66	
Cable**	low loss	
Cable Length**	1.5m	
Cable loss	< 0.85dB/m @ 2GHz	
Connector**	SMA-m	
Weight	125g	
Dimensions	158 x 47mm	
Color	Grey	

\*The total efficiency and VSWR is depending on materials in the near field of the antenna. Reflecting and absorbing materials might change efficiency. The values in the specification are typical values.

\*\*Other cables, cable lengths and connector available on demand



### Mounting instructions

Mount the antenna with suitable screws with flat underside. Screws thicker than the mounting hole might damage the antenna.

Note that the cable is sensible for squeezing and sharp bends. Minimum bending radius R10.

The antenna can be mounted directly on metal (like a metal cabinet), wooden and plastic surfaces and in free space on a pole.

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