

# A-ANTENNAS

## A-Antennas Quad band antenna

Part Number: 5-1001-45

|                    |                           |        |
|--------------------|---------------------------|--------|
| Frequency          | 790-960MHz / 1710-2600MHz |        |
| Gain*              | 790-960MHz                | > 2dBi |
|                    | 1710-2170MHz              | > 2dBi |
|                    | 2170-2600MHz              | > 2dBi |
| Antenna efficiency | >50%                      |        |
| VSWR*              | 790-960MHz                | 2.5:1  |
|                    | 1710-2600MHz              | 2.5:1  |
| Impedance          | 50Ω                       |        |
| Temperature range  | -40°C to +85°C            |        |
| Cable**            | low loss                  |        |
| Cable Length**     | 1.5m                      |        |
| Cable loss         | < 0.85dB/m @ 2GHz         |        |
| Connector**        | SMA-m                     |        |
| IP class           | IP66                      |        |
| Weight             | 70g                       |        |
| 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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