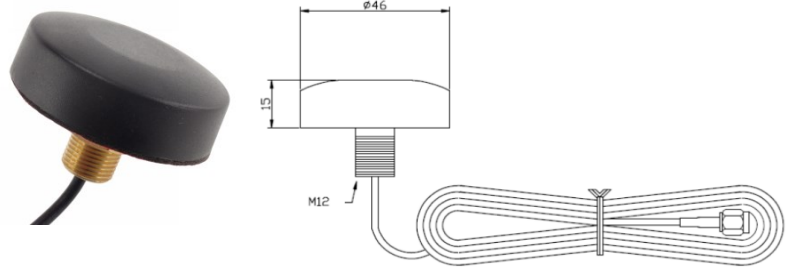


# MOBEYE Antenna kits

## Mobeye AC-AN-MBK



AC-AN-MBKs



AC-AN-MBK30 / AC-AN-MBK250 / AC-AN-MBK10m

### Technical data

|                       | AC-AN-MBKs                                                                                             | AC-AN-MBK30                                                                                            | AC-AN-MBK250                                                                                           | AC-AN-MBK10m                                                                                           |
|-----------------------|--------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| Frequency             | 700-2700 MHz                                                                                           | 700-2700 MHz                                                                                           | 700-2700 MHz                                                                                           | 700-2700 MHz                                                                                           |
| V.S.W.R. (in BW)      | <2.9                                                                                                   | 1:1.5                                                                                                  | 1:1.5                                                                                                  | 1:1.5                                                                                                  |
| Gain (Zenith)         | 3 dBi                                                                                                  | 2 dBi                                                                                                  | 2 dBi                                                                                                  | 2 dBi                                                                                                  |
| Polarisation          | Vertical                                                                                               | Vertical                                                                                               | Vertical                                                                                               | Vertical                                                                                               |
| Radiation             | Circular                                                                                               | Circular                                                                                               | Circular                                                                                               | Circular                                                                                               |
| Impedance             | 50 Ω                                                                                                   | 50 Ω                                                                                                   | 50 Ω                                                                                                   | 50 Ω                                                                                                   |
| Type                  | Stick                                                                                                  | Disk                                                                                                   | Disk                                                                                                   | Disk                                                                                                   |
| Environmental         |                                                                                                        | Valid for AC-AN-MBK30/250/10m                                                                          |                                                                                                        |                                                                                                        |
| Operating temperature | -40°C – 80 °C                                                                                          | -40°C – 80 °C                                                                                          |                                                                                                        |                                                                                                        |
| Relative humidity     |                                                                                                        | Up to 95%                                                                                              |                                                                                                        |                                                                                                        |
| Ingress protection    |                                                                                                        | IP67 (excl. SMA connector)                                                                             |                                                                                                        |                                                                                                        |
| Vibration             |                                                                                                        | 10-55Hz with 1.5mm ampl. during 2 hours                                                                |                                                                                                        |                                                                                                        |
| Compliance            | ROHS compliant                                                                                         | ROHS compliant                                                                                         |                                                                                                        |                                                                                                        |
| Dimensions            | 13,5cm                                                                                                 | Diameter: 46 mm                                                                                        | Diameter: 46 mm                                                                                        | Diameter: 46 mm                                                                                        |
| Cable length          | n.v.t.                                                                                                 | 30 cm                                                                                                  | 250 cm                                                                                                 | 10 m                                                                                                   |
| Connector             | SMA                                                                                                    | SMA                                                                                                    | SMA                                                                                                    | SMA                                                                                                    |
| Contents              | <ul style="list-style-type: none"> <li>• Antenna</li> <li>• Ufl-SMA</li> <li>• Front-6 CM41</li> </ul> | <ul style="list-style-type: none"> <li>• Antenna</li> <li>• Ufl-SMA</li> <li>• Front-6 CM41</li> </ul> | <ul style="list-style-type: none"> <li>• Antenna</li> <li>• Ufl-SMA</li> <li>• Front-6 CM41</li> </ul> | <ul style="list-style-type: none"> <li>• Antenna</li> <li>• Ufl-SMA</li> <li>• Front-6 CM41</li> </ul> |