

Key Features

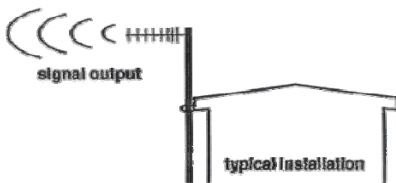
- 8-element Yagi Directional Antenna.
- Optimal reception under difficult conditions, e.g. weak reception or frequent cell changes.
- The power gain of 11 dBi leads to a significant increase in range, signal strength and transfer rate.
- The directivity of the antenna produces a signal concentration, which allows in comparison with an omnidirectional antenna significantly more range.
- The Directional Antenna must be adjusted to the target radio mast. (Reduction of cell changes)
- The antenna is made of sturdy, weatherproof and UV resistant aluminum. The antenna can be used outdoors and withstands any weather.



Technical Data

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|-------------------------------|---|
| ▪ Frequencies Ranges (in MHz) | 860- 960 / 1800 MHz
UMTS 1930 / 2170 MHz |
| ▪ Gain | 11 dBi |
| ▪ VSWR | ≤ 1,5:1 |
| ▪ Cable | RG58 – 10 meter |
| ▪ Max. Power | 100 W |
| ▪ Polarization | vertical |
| ▪ Impedance | 50 Ω |
| ▪ Weight | 260g |
| ▪ Total length | 57,5 cm |
| ▪ Longest element | 18,5 cm |
| ▪ Mounting | Pipe clip (30- 50 mm) for pole mounting |
| ▪ Connectors | SMA (plug), FME (jack) |
| ▪ Item no.: | 316497 (SMA)
310112 (FME) |

Typical Installation



- At installation current guidelines for radiation protection as well as lightning protection must be observed.
- Installation by qualified personnel only.