


Microset - Antennas

Third party antennas

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Instead of the Gigaset external antennas, you can connect also third party antennas. Below are the Microset antennas.

Gigaset does not sell these antennas !!!



Always replace both Gigaset antennas with the same external third party antennas, only then the optimum DECT quality is obtained. Some antennas mentioned below have one connector, this means that you need to buy 2 antennas.

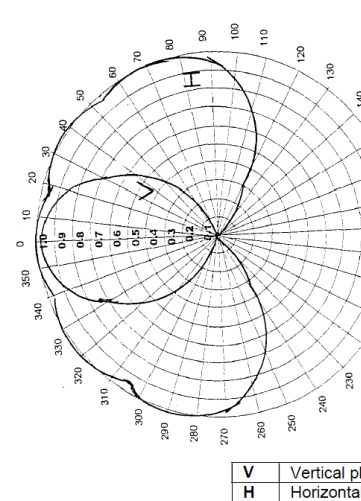
- Connect both external antennas to maintain antenna diversity
- The antennas should be of the same type
- Keep at least 30 cm between the antennas
- Place both antennas in the same area. One inside and one outside is not supported
- Antenna cables should be of the same type and length, keep the length as short as possible
- Every meter of cable will be ... dB gain loss ([depends on the used cable](#))

| Microset Antenna | Characteristic | Diagram | | | | |
|--|--|--|---|----------------|---|------------------|
| <div>MP10-4</div> <div></div> | <div>Frequency range (MHz): 1700-2200</div> <div>Input impedance (Ω): 50</div> <div>V.S.W.R: 1.5</div> <div>Gain (dB): 12</div> <div>Polarization type: Vertical</div> <div>Connector: TNC female</div> <div>Environment: Internal</div> | <div></div> <div><table><tr><td>V</td><td>Vertical plane</td></tr><tr><td>H</td><td>Horizontal plane</td></tr></table></div> | V | Vertical plane | H | Horizontal plane |
| V | Vertical plane | | | | | |
| H | Horizontal plane | | | | | |

MP10-4S



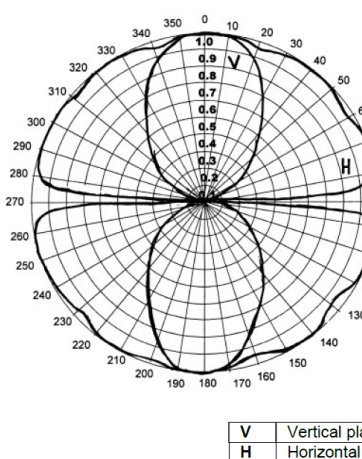
Frequency range (MHz): 1700-2200
 Input impedance (Ω): 50
 V.S.W.R: 1.5
 Gain (dB): 12
 Polarization type: Vertical
 Connector: TNC female
 Environment: External, cold rooms



C7-LTE



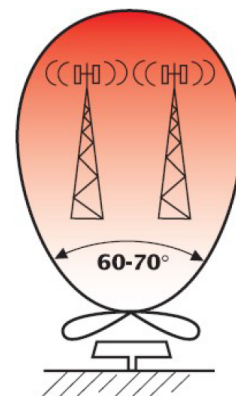
Frequency range (MHz): 1700-2200
 Input impedance (Ω): 50
 V.S.W.R: 1.5
 Gain (dB): 8
 Polarization type: Vertical
 Connector: TNC female
 Environment: Internal (ceiling mounting)

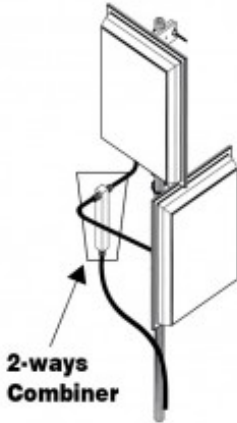
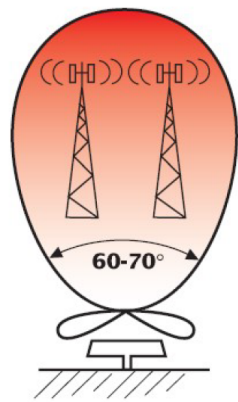

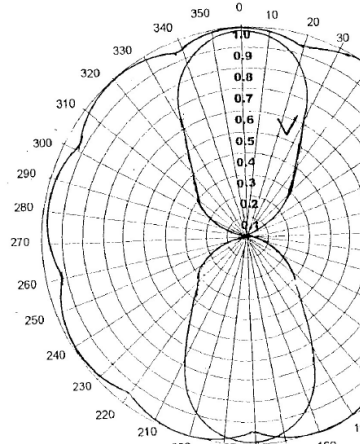


MD14



Frequency range (MHz): 1700-2200
 Input impedance (Ω): 50
 V.S.W.R: 1.5
 Gain (dB): 14
 Polarization type: Vertical
 Connector: TNC female
 Environment: Internal or External



| | | |
|---|--|--|
| <p>COL2 (2 x MD14)</p>  <p>2-ways Combiner</p> | <p>Frequency range (MHz): 1700-2200 Input impedance (Ω): 50 V.S.W.R: 1.5 Gain (dB): 14 Polarization type: Vertical Connector: TNC female Environment: Internal or External</p> |  |
| <p>MD6</p>  | <p>Frequency range (MHz): 1700-2200 Input impedance (Ω): 50 V.S.W.R: 1.8 Gain (dB): 6 Polarization type: Vertical Connector: TNC female Environment: External</p> |  |
| <p>Coax extension cable of 1m: COAX1</p> | <p>Product code: 4041527 Connectors: TNC male / TNC male</p> | |
| <p>Coax extension cable of 5m: COAX5</p> | <p>Product code: 4041526 Connectors: TNC male / TNC male</p> | |
| <p>Coax extension cable of 10m: COAX10</p> | <p>Product code: 4041483 Connectors: TNC male / TNC male</p> | |