



LTE Omni Antenna

- 5G ready
- 790-960MHz, 1710-2690MHz and 3400-3800MHz
- Durable design

Specifications

Electrical

| | | | |
|---------------------------|--|---------|---------|
| Frequencies (2G/3G/4G/5G) | 790-960MHz 1710-2690MHz 3400-3800MHz | | |
| Impedance | 50Ω | | |
| Polarization | Vertical | Typical | Max |
| VSWR | 790-960MHz | < 2.0:1 | < 2.5:1 |
| | 1710-2690MHz | < 1.8:1 | < 2.2:1 |
| | 3400-3800MHz | < 3.0:1 | < 3.2:1 |
| Peak Gain (typical) | 790-960MHz | 1.5dBi | |
| | 1710-2170MHz | 3.5dBi | |
| | 2170-2690MHz | 5dBi | |
| | 3400-3800MHz | 5dBi | |
| Peak Gain (max) | 790-960MHz | 2.7dBi | |
| | 1710-2170MHz | 5dBi | |
| | 2170-2690MHz | 7dBi | |
| | 3400-3800MHz | 6dBi | |
| # Port | 1 | | |
| Horizontal 3dB Beam width | Omnidirectional | | |
| IM3 @ 2x30dBm | < -140dBc | | |
| Max power | 25W | | |

Mechanical

| | | | |
|--------------------|---------------------------------------|----------------|--|
| Dimensions (D x H) | 32 x 260mm (without bracket) | | |
| Connector | Type N (f) | | |
| Weight | Antenna | 270g | |
| | Bracket | 120g | |
| Material | Glass fiber, ASA (UV-resistant) | | |
| Colour | White | | |
| Installation | Wall or pole mount | | |
| | Bracket and house clamps are included | | |
| IP class | IP67 | | |
| Temperature | Storage / Operating | -40°C to +85°C | |

Other

Flammability rating UL94-HB

This part is RoHS compliant

Smarteq reserves the right to change specifications without prior notice.

Part number

| | | |
|--------|----------------------|--|
| 710275 | LTE Omni Antenna N-f | 790-960/ 1710-2690/ 3400-3800MHz |
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