

2496 -2690MHz, Sector Antenna, FT

The parameters in this specification follow the definitions and recommendations per NGMN P-Basta, Release 9.6

| | |
|---|-------------------------------------|
| LTE band | 41 |
| Frequency range | 2496– 2690 MHz |
| Average gain to RF connector | 11 ± 1.0dBi |
| Azimuth HPBW | 65° ± 10° |
| Elevation HPBW | 30° ± 5° |
| Polarisation discrimination at 0° | 18 dB |
| Front to back ratio (CoPol) | ≥ 23 dB |
| Polarisation | Dual Slant ±45° |
| Electrical Down-tilt | 0° |
| Impedance | 50 ohms |
| First side-lobe level | ≤ -20 dB |
| VSWR | ≤ 1.5:1 |
| Isolation between RF Ports | ≥ 20 dB |
| Average transmission power per polarisation | 26 dBm |
| Peak transmission power per polarisation | 36 dBm |
| Recommended maximum dimensions PCB (mm) | See Outline Drawing on P2 |
| Connector type | 2 x MMCX Extended Connectors |
| Cable Type | RG405-Semi Flex |
| Cable Length | 317mm ± 3mm |
| Connector to Cable Spec | See Outline Drawing on P2 |
| Labelling | 12 & 11 |
| DC Grounding | All Antenna ports to be DC grounded |

AW3702 Picture TBD



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AW3702-1 Revision Control Sheet



| Revision | Author | Date | Description | Approved by Airspan |
|----------|------------|------------|-----------------|---------------------|
| 0 | Petr Svarc | 21/02/2019 | Initial Release | |
| | | | | |

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