

3550 -3700MHz, Sector Antenna, FT

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

LTE band	48
Frequency range	3550 – 3700 MHz
Average gain to RF connector	17 ± 0.5 dBi
Azimuth HPBW	70° ± 5°
Elevation HPBW	8° ± 5°
Polarisation discrimination at 0°	22 dB
Front to back ratio (CoPol)	≥ 23 dB
Polarisation	Dual Slant ±45°
Electrical Down-tilt	0°
Impedance	50 ohms
First side-lobe level	≤ -18 dB
VSWR	≤ 1.5:1
Isolation between RF Ports	≥ 25 dB
Average transmission power per polarisation	26 dBm
Peak transmission power per polarisation	36 dBm
Recommended maximum dimensions PCB (mm)	See Outline Drawing 117893-B
Connector type	2 x N Type Male RA
Cable Type	0.141 50ohm
Cable Length	115mm ± 3mm
Connector to Cable Spec	See Outline Drawing on P2
Labelling	Port 1/ 2/ 3/ 4
DC Grounding	All Antenna ports to be DC grounded

AW3782 Revision Control Sheet



Revision	Author	Date	Description	Approved by Airspan
0	Petr Svarc	05/02/2020	Initial Release	

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