

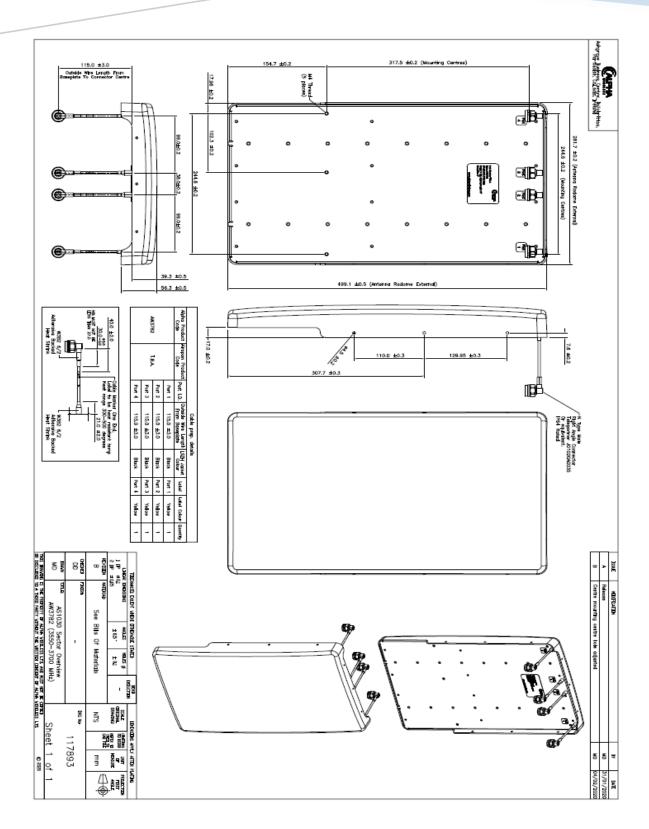
3550 -3700MHz, Sector Antenna, FT

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 Outline Drawing





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Web: www.alphawireless.com Email: sales@alphawireless.com

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AW3782 Revision Control Sheet



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

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