

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	12S & 11S
DC Grounding	All Antenna ports to be DC grounded

AW3702 Picture TBD



© Alpha Wireless Limited 2019. Last modified February, 21, 2019

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

* Alpha Wireless are always improving products; specification subject to change without notice.

AW3702-2 Revision Control Sheet



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

© Alpha Wireless Limited 2019. Last modified February, 21, 2019

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

* Alpha Wireless are always improving products; specification subject to change without notice.