



AIRUNITY 3550-3700 MHz

Indoor Antenna

Data Sheet

Model Number: AN1018-1

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Document Information

Revision History

Revision	Date	Summary of Changes	Created by
Rev1.0	January 2023	First Release	Moti S

1. Specifications

Manufactured by: Airspan
Model Number: AN1018-1

Frequency range	3550 – 3700 MHz
Gain Max	10dBi
Azimuth HPBW	$60^{\circ} \pm 10^{\circ}$
Elevation HPBW @ Boresight	$40^{\circ} \pm 10^{\circ}$
Polarization discrimination at 0°	> 18 dB
Front to back ratio ((Typical)	≥ 15 dB
Polarization	Dual Slant $\pm 45^{\circ}$
Electrical Down-tilt	0°
Impedance	50 ohms
VSWR	$< 1.5:1$
First side-lobe level	< 12 dB
Isolation between RF Ports	≥ 22 dB
Average transmission power per polarization	26 dBm
Peak transmission power per polarization	36 dBm
Connector type	2 x U.FL RA
Cable	RG 178 with FEP jacket
Cable length /Connector orientation	170 & 170 mm/N
DC Grounding	All Antenna ports to be DC grounded