

Technical specifications

Specifications	Value
Frequency Range	8-12 GHz
Type Of Antenna	Microstrip Patch
Number of beams	4
BW_{AZ} @ Beam 1 ~4	$45^{\circ} \sim 80^{\circ}$
BW_{EL} @ Beam 1	$2^{\circ} \sim 3^{\circ}$
BW_{EL} @ Beam 2	$4^{\circ} \sim 6^{\circ}$
BW_{EL} @ Beam 3	$8^{\circ} \sim 12^{\circ}$
BW_{EL} @ Beam 4	$16^{\circ} \sim 24^{\circ}$
SLL_{AZ} @ Beam 1 ~4	< -13 dB
SLL_{EL+} @ Beam 1 ~4	< -10 dB
Gain @ Beam 1	~ 24 dBi
Gain @ Beam 2	~ 20 dBi
Gain @ Beam 3	~ 17 dBi
Gain @ Beam 4	~ 14 dBi
Return Loss	< -10 dB
Input Impedance	50 ohm
Connector	SMA
Material	Aluminum
Size(mm)	425x165x70
Net Weight (Kg)	1.5

S-AA-080120
9.5-10.5 GHz Array Antenna

سام موج فضا نوین
شرکت فعال در حوزه مخابرات، الکترونیک و سیستم

