

Part Number	Type (Description)	Gain	Application
Omnidirectional Base Station Antennas			
A24-HABMM-PSI	Dipole (Half-wave bulkhead mount articulated MMCX w/ pigtail)	2.1 dBi	Fixed/Mobile*
A24-HBMM-PSI	Dipole (Half-wave bulkhead mount MMCX w/ pigtail)	2.1 dBi	Fixed/Mobile*
A24-HABSM	Dipole (Articulated RPSMA)	2.1 dBi	Fixed/Mobile*
A24-QBMM-PSI	Monopole (Quarter-wave bulkhead mount MMCX w/pigtail)	1.9 dBi	Fixed/Mobile*
A24-QABMM-PSI	Monopole (Quarter-wave bulkhead mount articulated MMCX w/pigtail)	1.9 dBi	Fixed/Mobile*
A24-QI	Monopole (Integrated whip)	1.9 dBi	Fixed/Mobile*
A24-F2NF	Omni-directional (Fiberglass base station)	2.1 dBi	Fixed/Mobile*
A24-F3NF	Omni-directional (Fiberglass base station)	3.0 dBi	Fixed/Mobile*
A24-F5NF	Omni-directional (Fiberglass base station)	5.0 dBi	Fixed/Mobile*
A24-F8NF	Omni-directional (Fiberglass base station)	8.0 dBi	Fixed*
A24-F9NF	Omni-directional (Fiberglass base station)	9.5 dBi	Fixed*
A24-F10NF	Omni-directional (Fiberglass base station)	10.0 dBi	Fixed*
A24-F12NF	Omni-directional (Fiberglass base station)	12.0 dBi	Fixed*
A24-F15NF	Omni-directional (Fiberglass base station)	15.0 dBi	Fixed*
A24-W7NF	Omni-directional (Base station)	7.2 dBi	Fixed*
A24-M7NF	Omni-directional (Mag-mount base station)	7.2 dBi	Fixed*

Surface Mount Chip Antennas

A24-C1	Surface Mount	-1.5 dBi	Fixed/Mobile*
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Yagi Antennas

A24-Y4NF	Yagi (4-element)	6.0 dBi	Fixed*
A24-Y6NF	Yagi (6-element)	8.8 dBi	Fixed*
A24-Y7NF	Yagi (7-element)	9.0 dBi	Fixed*
A24-Y9NF	Yagi (9-element)	10.0 dBi	Fixed*
A24-Y10NF	Yagi (10-element)	11.0 dBi	Fixed*
A24-Y12NF	Yagi (12-element)	12.0 dBi	Fixed*
A24-Y13NF	Yagi (13-element)	12.0 dBi	Fixed*
A24-Y15NF	Yagi (15-element)	12.5 dBi	Fixed*
A24-Y16NF	Yagi (16-element)	13.5 dBi	Fixed*
A24-Y16RM	Yagi (16-element, RPSMA connector)	13.5 dBi	Fixed*
A24-Y18NF	Yagi (18-element)	15.0 dBi	Fixed*

Panel Antennas

A24-P8SF	Flat Panel	8.5 dBi	Fixed*
A24-P8NF	Flat Panel	8.5 dBi	Fixed*
A24-P13NF	Flat Panel	13.0 dBi	Fixed*
A24-P14NF	Flat Panel	14.0 dBi	Fixed*
A24-P15NF	Flat Panel	15.0 dBi	Fixed*
A24-P16NF	Flat Panel	16.0 dBi	Fixed*
A24-P19NF	Flat Panel	19.0 dBi	Fixed*

* Antennas can be approved for portable applications if integrator gains approval through SAR testing. If the antenna will be

Min. Separation

20 cm
2 m
2 m
2 m
2 m
2 m
2 m
2 m

20 cm

2 m
2 m
2 m
2 m
2 m
2 m
2 m
2 m

mounted closer than 20 cm to nearby persons, then the application is considered "portable" and requires an additional test performance.

formed on the final product. This test is called the Specific Absorption Rate (SAR) testing and measures the emissions i

from the module and how they affect the person