SIEMENS

MSAX65-W1-M12-E2 Antenna Information

FCC ID: LYHMSAX65V1
IC: 267AA-MSAX65V1

Only the Antennas listed in this section shall be used with the device

Manufacturer Number	Model Number	Radiation Pattern	Antenna Type	Polari-zation	Typical Gain @2.4GHz [dBi]	Typical Gain @5GHz [dBi]
6GK5792-8DN00-0AA6	ANT792-8DN	Directed	patch	linear	14	--
6GK5793-8DK00-0AA0	ANT793-8DK	Directed	patch	linear	--	23*
6GK5793-8DJ00-0AA0	ANT793-8DJ	Directed	patch	linear	--	18**
6GK5793-8DP00-0AA0	ANT793-8DP	Directed	patch	linear	--	13.5
6GK5795-6DC00-0AA0	ANT795-6DC	Sector	patch	linear	9	9
6GK5792-6MN00-0AA6	ANT792-6MN	Omni	dipole	linear	6	--
6GK5793-6DG00-0AA0	ANT793-6DG	Sector	patch	linear	--	9
6GK5795-6MN10-0AA6	ANT795-6MN	Omni	dipole	linear	6	8
6GK5795-6MP00-0AA0	ANT795-6MP	Omni	dipole	linear	5	7
6GK5795-6MP10-0AA0	ANT795-6MP (Triband)	Omni	dipole	linear	5	8
6GK5795-4MC00-0AA3	ANT795-4MC	Omni	dipole	linear	3	5
6GK5795-4MD00-0AA3	ANT795-4MD	Omni	dipole	linear	3	5
6GK5795-4MX00-0AA0	ANT795-4MX	Omni	dipole	linear	2	2.5
6GK5897-5PN00-0AA0	ANT897-5PN	Omni	monopole	linear	3	7
6GK5897-4ME00-0AA0	ANT897-4ME	Omni	monopole	linear	2	6
6GK5793-4MN00-0AA6	ANT793-4MN	Omni	monopole	linear	--	6

* For ANT793-8DK an antenna connection cable with a length of ≥ 10m is required (G_{eff} = 14.2 dBm)

** For ANT793-8DJ an antenna connection cable with a length of ≥ 5m is required (G_{eff} = 13.6 dBm)

Additionally, a following radiating cable for use only in UNII-1 and UNII-3 bands is intended for operation with the MSAX65-W1-M12-E2 device (SISO only).

Manufacturer Number	Model Number	Type	Specification
6XV1875-2D	IWLAN RCoax Cable PE 5GHz	Leaky coax	Impedance 50 Ω Polarization: linear Longitudinal attenuation: @ 5150MHz: 22.5 dB @5850MHz: 24 dB Coupling ($C_{50\%}$) loss acc. to IEC 61196-4: @ 5200MHz: 62 dB @5800MHz: 55 dB Equivalent gain (G_T) calculated at d = 3m @5200: -9.6 dBi @5800MHz: -1.7 dBi

All antennas have an impedance of 50 ohms.

Manufacturer of all antennas is Siemens.