

## A. Approved Antennas

Group	Part Number	Description
<b>Quarter Wave</b>		
	MHS031010	<1.5dBi, 900MHz 1/4 Wave Antenna Reverse SMA Right Angle
	MHS031020	<1.5dBi, 900MHz 1/4 Wave Antenna Reverse SMA Straight
	MHS031030	<1.5dBi, 900MHz 1/4 Wave Antenna Reverse SMA Right Angle MHS
	MHS031040	<1.5dBi, 900MHz 1/4 Wave Antenna Reverse SMA Straight MHS
	MHS031050	<1.5dBi, 900MHz 1/4 Wave Antenna MCX Right Angle MHS
	MHS031060	<1.5dBi, 900MHz 1/4 Wave Antenna Reverse SMA Straight
<b>Rubber Ducky</b>		
	MHS031000	2dBi, 900MHz Rubber Ducky Antenna RPTNC Swivel
	MHS031070	2dBi, 900MHz Rubber Ducky Antenna Reverse SMA Swivel
	MHS031080	2dBi, 900MHz Rubber Ducky Antenna Reverse SMA Straight
<b>Transit Antennas</b>		
	MHS031210	3dBd, 900 MHz Transit Antenna with Ground Plane
	MHS031220	3dBd, 900MHz Transit Antenna No Ground Plane
	MHS031230	3dBd, 900MHz Transit Antenna Permanent Mount GP
	MHS031240	3dBd, 900MHz Transit Antenna Permanent Mount NGP
		<b>Mounts for Transit Antennas have a RPTNC Pigtail</b>
<b>Yagi Antennas</b>		
	MHS031311	6dBd, 900MHz Yagi Directional Antenna Antenex, RPTNC Pigtail
	MHS031431	6.5dBd, 900MHz Yagi Directional Antenna Bluewave, RPTNC Pigtail
	MHS031501	9dBd, 900MHz Yagi Directional Antenna Antenex, RPTNC Pigtail
	MHS031441	10dBd, 900 MHz Yagi Directional Antenna Bluewave, RPTNC Pigtail
	MHS031451	11dBd, 900 MHz Yagi Directional Antenna Bluewave, RPTNC Pigtail
	MHS031401	12dBd, 900MHz Yagi Directional Antenna Antenex, RPTNC Pigtail
	MHS031411	12dBd, 900MHz Yagi Directional Antenna Bluewave, RPTNC Pigtail
<b>Patch Antennas</b>		
	MHS031440	8dBi 900 MHz Patch Antenna, RPTNC Pigtail
	MHS031430	12.5dBi 900 MHz Patch Antenna, RPTNC Pigtail
<b>Omni Directional</b>		
	MHS031251	3dBd, 900MHz Omni Directional Antenna Antenex, RPTNC Pigtail
	MHS031461	3dBd, 900 MHz Omni Directional Antenna Bluewave, RPTNC Pigtail
	MHS031321	6dBd, 900MHz Omni Directional Antenna Antenex, RPTNC Pigtail
	MHS031471	6dBd, 900 MHz Omni Directional Antenna Bluewave, RPTNC Pigtail



### **WARNING:**

Changes or modifications not expressly approved by Microhard Systems Inc. could void the user's authority to operate the equipment. This device has been tested with MCX and Reverse Polarity SMA connectors with the antennas listed in Appendix A. When integrated in OEM products, fixed antennas require installation preventing end-users from replacing them with non-approved antennas. Antennas not listed in the tables must be tested to comply with FCC Section 15.203 (unique antenna connectors) and Section 15.247 (emissions). Please Contact Microhard Systems Inc. if you need more information.