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Appendix A : Installation Checklist

The following checklist provides a summary of the procedures for installing a MR703D system:

Step	Item/ Action	Description	◆
1	MR703D Site Drawing	<i>Master copy of the site plan noting the MR703D location and serial number, and the location of the indoor coverage antenna(s)). This should characterize the design parameters for the system including cable paths and lengths.</i>	
2	Equipment List:	Quantity:	
	MR703D™		
	AC Power Outlet		
	Coverage Antenna*		
	Donor Antenna		
	50-ohm Donor Antenna Cable		
	50-ohm Donor Jumper*		
	50-ohm Coverage Antenna Cable		
3	Installation tools:		
	Cable connector Tools*	<i>Crimper, knife, etc.</i>	
	Multimeter	<i>To ensure no cable shorts.</i>	
	Handset with Power Indicator	<i>To verify coverage after commissioning.</i>	
4	Run Cable	<i>Install Cable in the site.</i>	
5	Attach Connectors*	<i>Measure across center pin and outer shell (ground) to ensure no short.</i>	
6	Verify “Donor and Coverage Antennas” locations are consistent with RF exposure warning (see above and below).	<i>Be sure to record the antennas location status for future reference.</i>	
7	Record Serial Numbers and Locations on site Drawing.	<i>Note: this is to aid the Mikom Technical Support Specialists, should you need their assistance.</i>	
8	Mount the Equipment	<i>Including indoor coverage antennas for metal case models.</i>	
9	Connect the 50-ohm Cables as shown on the Site Plan	<i>Use caution when connecting semi-flexible cables to the mounted MR703D and antennas. Excessive force on antenna or MR703D connectors will result in serious equipment damage.</i>	
10	Supply AC Power, and commission the System.	<i>Check the MR703D status as described in previous section .</i>	
11	Check Power Levels	<i>Check power indication of handheld mobile at various locations within the coverage area.</i>	

* As Required



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