

## Unlicensed Transmitters: Approved Antennas List

<b>Manufacturer</b>	<b>Part #</b>	<b>Description</b>	<b>Type</b>	<b>Length (mm)</b>	<b>Width (mm)</b>	<b>Connector Type</b>	<b>Notes</b>
Arnold Magnetics Technologies	811SG01010F1450M	Silicon Steel .001 x 14.50 Carlite 3	Flux concentrator				1
Essex Furukawa	Soderon 155 #26AWG	28-44 Single Build, polyurethane coated copper	Magnet Winding wire				
Pyralux	AP7164E	Double sided copper clad laminate IPC-420/11	Inductor return flex				
Atlas Fibre	MIL-I-24768/2 - GEE	Laminate sheet comprised of a halogen free epoxy resin binder and a woven fiberglass substrate	Core tube				

### **Notes:**

- 1) A device, typically made of high-permeability, low-power-loss magnetic materials, that channels or focuses magnetic flux lines." Both ferrite and silicon steel (also referred to as electrical steel by some) are high-permeability materials.

