

	<b>Effect:</b>	<b>Ferrite-Rod-Antenna:</b>	<b>Spider-Web-Antenna:</b>	<b>Honeycomb-Antenna:</b>	<b>Frame-Antenna:</b>	<b>Copper-Tubing Loop-Antenna:</b>
<b>Reception Area:</b>	important for signal amplitude	Medium (enlarged by $\mu(r)$ )	Medium	Medium	High	High
<b>Skin-Effect:</b>	enlarges ohmic resistance @ high frequencies	Low...Medium (depending on Litz-Wire)	Low...Medium (depending on Litz-Wire)	Low...Medium (depending on Litz-Wire)	Low...Medium (depending on Litz-Wire)	Low (depending on diameter of copper-tubing)
<b>Proximity-Effect:</b>	enlarges ohmic resistance @ high frequencies	High	High	High	Medium (with Litz-wire) Low (with solid copper-wire)	Low
<b>Dielectric/Magnetic-Losses:</b>	enlarges ohmic resistance @ high frequencies	High	Low (with Polystyrene body; especially skeleton body )	Low	Low	Low
<b>Self-Capacitance:</b>	adds to tuning-capacitor; reduces tuning frequency range	High	Medium	Medium	Low	Low
<b>Optimum Q-Factor attainable?</b>	(5...10 kHz BW)	Yes (for ELF,VLF LW)	Yes (for LW,MW)	Yes (for LW,MW)	Yes (for LW,MW)	Yes (for SW)
<b>Best used for....:</b>		ELF/ULF/LW/(MW)	LW/MW	LW/MW	LW/MW	SW
<b>Size:</b>		Small	Medium	Medium	Large	Large

Sheet1

**Price:  
(incl. Wire)**

Low	Medium	Medium	Medium	Medium
-----	--------	--------	--------	--------

**Difficulty to  
make one:**

Low (readily available)	Medium (materials available at our shop)	Medium (must built a template for yourself)	Medium (either buy material at Home-Improvement- Shop or soon-to-be- available-kit at our shop)	Medium (either buy material at Home-Improvement- Shop or soon-to-be- available kit at our shop)
----------------------------	---	--	--	---