Subject: testing chokes
Posted by PakProtector on Wed, 05 Jan 2005 23:03:53 GMT
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Hey-Hey!!!,I am prepering to test a choke for DC tolerance and self resonance.For pure AC inductance, I am going to use 60cps because it is easy. A resistor in series, to determine AC current(from teh department of redundancy department). {V-inductor/V-resistor} times {R/2Pi60}=inductance in Hy.An adjustable current regulator with DC voltage supply greater than V-ac peak-to-peak ought to allow me to determine its DC tolerance. Say a 40 vac signal and a 200VDC supply feeding the current regualtor. Might have heat issues with the CCS, but that's OK, I can deal with that.Any suggestions at improving this method?regards,Douglas