



AF/Teramoto FINEMET® FM-ATSP1

FM-ATSP1, FINEMET Transformer attenuator needs impedance compensation resistor R1 for proper operation of the crossover filter.

- R1 value needs to be fine-tuned to get smooth transition between drivers.
 - If actual R1 value is depending on actual driver impedance.
- R1 power rating should be equal or greater than input power to the driver.

Figure 1. Connection example with 1st order high pass filter

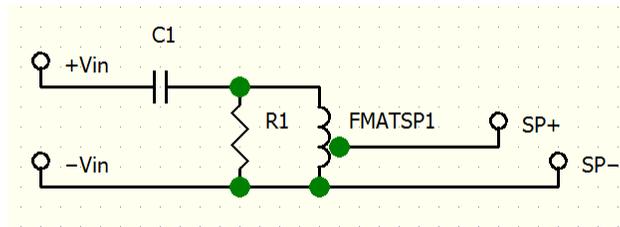


Table 1. R1 value

dB	16 ohm	8 ohm	4 ohm
-1	77.4	38.7	19.4
-2	43.4	21.7	10.9
-3	32.0	16.0	8.0
-4	26.4	13.2	6.6
-5	23.4	11.7	5.9
-6	21.4	10.7	5.4
-7	20.0	10.0	5.0
-8	18.6	9.3	4.7
-9	18.2	9.1	4.6
-10	17.8	8.9	4.5
-11	17.4	8.7	4.4
-12	17.0	8.5	4.3
-13	16.8	8.4	4.2
-14	16.6	8.3	4.2
-15	16.6	8.3	4.2
-16	16.4	8.2	4.1
-17	16.2	8.1	4.1
-18	16.2	8.1	4.1
-19	16.2	8.1	4.1
-20	16.2	8.1	4.1

FINEMET transformers are designed and manufactured by General Ind. (Saitama, Japan)
 final finish by Teramoto (Myoko, Japan)
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