

General-Purpose Audio Transformers TS27

Useful for impedance matching Speakers and output Power rating 10W rms New unused stock Weight 330g each 70 x 40 x 45 mm overall Frequency response depends on loads, typically 50Hz to 25 kHz. The Tables below give some measured values of the inductances and turns ratio. Some matching impedances are given for 4 and 8 ohm loads.

Measured & Calculated Data for TS27 Transformer IMPEDANCES in ohms with A-B 8 ohm

Terminal 1 2 3 4 5 2 800 3 1600 160 4 2600 540 130 5 5200 2000 1000 450 6 13000 7500 5500 4000 1800 IMPEDANCES in ohms with

A-B 4 ohm Terminal 1 2 3 4 5 2 400 3 800 80 4 1300 270 65 5 2600 1000 500 250 6 6500 3750 2750 2000 900

INDUCTANCES Henries Terminal 1 2 3 4 5 2 0.8 3 1.7 0.2 4 2.7 0.5 0.1 5 5.3 2.0 1.0 0.5 6 13.5 7.7 5.7 4.1 1.9 A-B 0.0082

TURNS RATIO with reference to A-B Terminal 1 2 3 4 5 2 10 3 14 4.5 4 18 8 4 5 25 15 11 8 6 40 30 26 22 15 A-B 1

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Measured & Calculated Data for TS27 Transformer

IMPEDANCES in ohms with A-B 8 ohm

Terminal	1	2	3	4	5
2	800				
3	1600	160			
4	2600	540	130		
5	5200	2000	1000	450	
6	13000	7500	5500	4000	1800

IMPEDANCES in ohms with A-B 4 ohm

Terminal	1	2	3	4	5
2	400				
3	800	80			
4	1300	270	65		
5	2600	1000	500	250	
6	6500	3750	2750	2000	900