

Low Cost Multi-Purpose Audio Transformers

Impedance matching transformers for telecommunications.

Ideal for a variety of voice and data interconnect networks

Isolation is 1500 V_{RMS} minimum
 Longitudinal Balance is 60dB minimum
 Frequency range: 300Hz to 3400Hz
 Designed to meet FCC part 68
 Custom Designs Available

Electrical Specifications at 25°C

Part Number	Impedance (Ohms)	UNBAL. DC (mA)	Insertion Loss (dB) ⁽¹⁾	Frequency Response (dB)	Return Loss (dB) ⁽²⁾	Pri. DCR max. (Ω)	Sec. DCR max. (Ω)	Schem. Style
T-30000	600 / 600	0.0	1.25	0.5	26	30	40	A
T-30001	600 / 600CT	0.0	1.25	0.5	26	30	40	B
T-30007	600CT / 600CT	0.0	1.25	0.5	26	30	40	C
T-30002	600 / 900	0.0	1.25	0.5	26	30	73	A
T-30003	900 / 900	0.0	1.25	0.5	26	40	53	A
T-30004	600 / 600	80	2.0	3.0	9.0	65	85	A
T-30005	600 / 600CT	80	2.0	3.0	9.0	65	85	B
T-30050	600 / 600	0.0	0.4	0.25	26	13	16	A
T-30051	600 / 600CT	0.0	0.4	0.25	26	13	16	B
T-30057	600CT / 600CT	0.0	0.4	0.25	26	13	16	C
T-30052	600 / 900	0.0	0.5	0.25	26	13	23	A
T-30053	900 / 900	0.0	0.5	0.25	26	19	23	A
T-30054	600 / 600	80	2.0	3.0	9.0	57	75	A
T-30055	600 / 600CT	80	2.0	3.0	9.0	57	75	B

1. Insertion Loss measured at 1 kHz.
2. Return Loss measured at 300 Hz.

