



- High quality toroid transformers for professional 70/100 V systems
- Flat frequency response, low stray
- Low transformer loss
- Low profile compact size

Toroid single transformer models with up to 800 W power

Versatile toroid audio transformers allow for high density packaging of multi channel amplifiers. Low impedance input signals are converted into a constant voltage output with up to 800 watts power. All technical data and specifications of these high quality toroid transformers, especially their low stray, low distortion (THD) and linear frequency response, meet the highest demands of the contemporary professional audio industry. The electrically isolated primary and secondary windings comply with major international safety regulations.

Modell	XF120TC	XF200TC	XF300TC 4Ω auf 70/100 V	XF500TC	XF800TC	XF250TC	XF400TC
Anwendung	←						→
Peakausgangsleistung	120 W	200 W	300 W	500 W	800 W	250 W	400 W
Nennlastimpedanz 100/70 V	83,3/41,7 Ω	50,0/25,0 Ω	33,3/16,7 Ω	20,0/10,0 Ω	12,5/6,2 Ω	40/20 Ω	25 Ω
Eingangsimpedanz	4 Ω	4 Ω	4 Ω	4 Ω	4 Ω	4 Ω	4 Ω
Eingangsspannung für nom. 100/70,7 V							
Ausgangsspannung bei 1 kHz	23,7/23,8 V	30,9/30,7 V	37,5/38,2 V	45,5/46,7 V	60,0/60,6 V	34,3/33,7 V	37,6 V
Ausgangsspannung bei nom. Eingangsspannung bei 1 kHz	100/70,7 V	100/70,7 V	100/70,7 V	100/70,7 V	100/70,7 V	100/70,7 V	100 V
Spitzenwertleistung*	120/120 W	200/200 W	300/300 W	500/500 W	800/800	250/250 W	400 W
Übertragungsbereich bei 100 V, typ. (dB)							
50 Hz	-0,2/-0,2	-0,1/-0,1	-0,1/-0,1	-0,2/-0,2	-0,2/-0,2	-0,-/0,1	0,2/-0,1
1 000 Hz	±0	±0	±0	±0	±0	±0	±0
16 000 Hz	-0,8/-1,3	-1,0/-1,7	-2,7/-3,2	-2,0/-2,4	-1,8/-2,0	-1,2/-1,4	-1,6/-1,6
Klirrfaktor typisch (%)							
50 Hz	0,04/0,04	0,09/0,09	0,08/0,08	0,09/0,09	0,1/0,1	0,06	0,1
1 000 Hz	0,05/0,05	0,04/0,04	0,04/0,04	0,05/0,05	0,05/0,05	0,05/0,05	0,05/0,05
16 000 Hz	0,06/0,06	0,06/0,06	0,06/0,06	0,06/0,06	0,06/0,06	0,06/0,06	0,06/0,06
Abmessungen (Durchmesser)	100 x 46 mm	125 x 44 mm	135 x 57 mm	150 x 63 mm	175 x 57 mm	113 x 60 mm	130 x 55 mm
Gewicht	1,15 kg	1,85 kg	2,70 kg	3,95 kg	5,10 kg	2,7 kg	3,65 kg

*sekundärseitig @50 Hz und Nennlastimpedanz

*secondary side @ 50 Hz, rated load impedance

Architect specifications

High quality, wide band toroid transformers with compact, low profile size for conversion of low impedance signals into high power, constant voltage outputs, ranging from 120 to 800 watts power; the transformers shall exhibit low stray, low distortion (THD) and flat frequency response within 40-16000 Hz; separate primary and secondary windings shall provide complete electrical insulation and comply with major safety standards.

Power:

Type: