



- ✓ 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.

← 4 Ω to 70/100 V →

model	XF120TC	XF200TC	XF300TC	XF500TC	XF800TC
application					
power	120 W	200 W	300 W	500 W	800 W
load impedance 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
input impedance	4 Ω	4 Ω	4 Ω	4 Ω	4 Ω
input voltage					
for nom. 100/70,7 V					
output voltage @ 1 kHz	23,7/23,8 V	30,9/30,7 V	37,5/38,2 V	47,5/46,7 V	60,0/60,6 V
output voltage					
@1 kHz & rated load impedance					
	100/70,7 V	100/70,7 V	100/70,7 V	100/70,7 V	100/70,7 V
peak power handling*	120/120 W	200/200 W	300/300 W	500/500 W	800/800 W
frequency response					
@ 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
1 000 Hz	±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
THD typical (%)					
50 Hz	0,04/0,04	0,09/0,09	0,08/0,08	0,09/0,09	0,1/0,1
1 000 Hz	0,05/0,05	0,05/0,05	0,04/0,04	0,05/0,05	0,05/0,05
16 000 Hz	0,06/0,06	0,06/0,06	0,06,006	0,06/0,06	0,06/0,06
dimensions					
(Diameter)	100 x 46	125 x 44	135 x 57	150 x 63	175 x 57
weight	1,15 kg	1,85 kg	2,70 kg	3,95 kg	5,10 kg

\*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: