

High-Power Tubed FM Transmitters SR240B1

Specifications

Type-specific data

	SR240B1
Output power	10/20 kW
Preamplifier	800 W
RF connector	3 1/8" EIA
Output impedance	50 Ω
VSWR	≤ 1.5
(if VSWR >1.5, transmitter shutdown after three unsuccessful switch-on attempts)	
Harmonic suppression	≥ 73 dB
Spurious emissions	≤ 1 μ W
Power supply	three-phase, 400/230 V $\pm 10\%$
Power consumption (without fans)	33 kW
Power factor λ (=fundamental of current x cos φ)	≥ 0.95
Overall dimensions	
Width	873 mm
Height	2026 mm
Depth	1000 mm
Weight	510 kg

Frequency, modulation and transmission characteristics

see FM Transmitter SU125

General data

Cooling	forced air, built-in fan, directed air
Max. installation altitude	3000 m above sea level
Rated temperature range	+5°C to +45°C
Operating temperature range	-10°C to +45°C

Ordering information

Please specify the desired transmitter concept (including cooling and standby) when requesting a quotation.