



FM SOLID STATE LOW POWER AMPLIFIER

KN 100

Technical Characteristics

RF Specifications:

Operating frequency range	87.5 ÷ 108 MHz
Output power	0 - 100 W adjustable
Output power tolerance	± 1 dB
Input power	0 ÷ 10 W
Input connector	N
Output connector	N
Input and output impedance	50 Ω
Harmonics and spurious emissions (ref. to carrier)	≤ -63 dB
Synchronous AM (ref. 100% mod.)	< - 50 dB
Asynchronous AM (ref. 100% mod.)	≤-50 dB

AC Power requirements:

Operating voltage	220V 50/60Hz (+15%,-10%)
Power drain at maximum power	195 VA typ.

Other characteristics:

Cooling	forced air by internal fans
Service	continuous 24/24 h
Operating temperature	-5 ÷ +45 °C/ 5 ÷ +104 °F
Relative humidity	max. 95%
Max. Installation altitude	4000 m o.s.l.

Mechanicals:

W x H x D	483 x 136 x 400 mm
Weight	Kg 11

Features and specifications subject to change without notice.