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GENERAL INFORMATION:

Output power	10 kW
Frequency	87.5-108 MHz (10 kHz step)
Output connector	1" 5/8
Ambient temperature	-10 ÷ 45 °C
Humidity	95% (not condensed)
Altitude max	up to 3000 m
Cooling	forced air

ELECTRICAL DATA:

AC input (three phases + N)	173 ÷ 415 V
Frequency	50/60 Hz
Power factor	>0.95
Power consumption	14 kVA

TRANSMISSION DATA:

Type of emission	F3E
Frequency deviation	±75 kHz
Frequency stability	<1 ppm/year
Frequency drift	±100 Hz
Output impedance	50 ohm
Harmonic emission	<-80 dB _c
Spurious emission in band	<-80 dB _c
AM noise	<-60 dB
Synchronous AM	<-50 dB

MONO INPUT:

Nominal input level	-6 ÷ +12 dBm
Input impedance (bal and unbal)	600/10 kOhm (selectable)
Pre-emphasis (selectable)	50/75 µs
Frequency response	40Hz ÷ 15kHz ±0.2 dB
S/N weighted	<-73 dB <-77 dB typ
S/N unweighted	<-76 dB <-80 typ
Total harmonic distortion	<0,2 %
Attenuation (at 19 kHz)	>50 dB

MPX INPUT:

Nominal input level	-6 ÷ +12 dBm
Input impedance (bal and unbal)	600/10 kOhm (selectable)
Frequency response	40Hz ÷ 53kHz ±0.1dB 53 ÷ 100kHz ±0.3 dB

RDS INPUT:

Nominal input level	-10 dBm
Input impedance (unbalanced)	5 kOhm
Frequency response	40Hz ÷ 53kHz ±0.1dB 53 ÷ 100kHz ±0.3 dB
Operating frequency	57 kHz

STEREO INPUT:

Nominal input level	-6 ÷ +12 dBm
Input impedance (bal and unbal)	600/10 kOhm (selectable)
Frequency response	40Hz ÷ 15kHz ±0.2 dB
Total harmonic distortion	<0,3%
Frequency response	40Hz ÷ 15kHz ±0.2 dB
S/N weighted	<-70 dB <-74 dB typ
S/N unweighted	<-74 dB <-77 dB typ
Crosstalk between channel	<-52 dB
Attenuation (at 38 kHz)	>50 dB
(above 53 kHz)	>52 dB

CONNECTOR:

Remote control	RJ 45 (ETHERNET) DB9 (I/O parallel/ IEE485)
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MECHANICAL:

Frame	19" 24 HE
Weight	140 kg