

RCI-63FFC1 C2 Specifications

GENERAL

Model	RCI-63FFC1	RCI-63FFC2
Frequency Range :	1. 28.245 ~ 28.685 MHz 2. 28.695 ~ 29.135 MHz 3. 29.145 ~ 29.585 MHz 4. 28.315 ~ 28.755 MHz 5. 28.765 ~ 29.205 MHz 6. 29.215 ~ 29.655 MHz	1. 28.245 ~ 28.685 MHz 2. 28.695 ~ 29.135 MHz 3. 29.145 ~ 29.585 MHz 4. 28.315 ~ 28.755 MHz 5. 28.765 ~ 29.205 MHz 6. 29.215 ~ 29.655 MHz
Modes	PA/FM/AM	PA/FM/AM
Frequency Control	Phase-Lock-Loop Synthesizer	Phase-Lock-Loop Synthesizer
Frequency Stability	0.001%	0.001%
Temperature Range	-30°C to +50°C	-30°C to +50°C
Input Voltage	DC 13.8 V	DC 13.8 V
Antenna Impedance	50 ohms	50 ohms
Size	7 7/8" (W) x 11 1/8" (D) x 2 7/8" (H)	7 7/8" (W) x 11 1/8" (D) x 3 1/4" (H)
Weight	5 lb. 15 oz.	8 lb. 3 oz.

TRANSMITTER

RF Power Output	AM/FM :50W. AM :100W. Peak Power, @ 100% Modulation	AM/FM : 100W. DC Carrier AM : 200W. Peak Power, @ 100% Modulation
Spurious Emissions	-50 dB	-50 dB
Audio Distortion	10%	10%
Frequency Response	300 to 2500Hz	300 to 2500Hz
Microphone	Dynamic	Dynamic

RECEIVER

Sensitivity	AM : 0.5 μ V for 10dB S+N/N FM : 0.25 μ V for 12dB S+N/N	AM : 0.5 μ V for 10dB S+N/N FM : 0.25 μ V for 12dB S+N/N
Squelch Sensitivity	0.5uV	0.5uV
Selectivity	-55 dB	-55 dB
Image Rejection	50 dB	50 dB
Hum & Noise	40dB	40dB
Audio Power Output	2.5W at 10% THD	2.5W at 10% THD

RCI-63FFC4 Specifications

GENERAL

Model	RCI-63FFC4
Frequency Range :	1. 28.015 ~ 28.455 MHz 2. 28.145 ~ 28.585 MHz 3. 28.115 ~ 28.555 MHz 4. 28.085 ~ 28.525 MHz 5. 28.055 ~ 28.495 MHz 6. 28.025 ~ 28.465 MHz
Modes	PA/FM/AM
Frequency Control	Phase-Lock-Loop Synthesizer
Frequency Stability	0.001%
Temperature Range	-30°C to +50°C
Input Voltage	DC 13.8 V
Antenna Impedance	50 ohms
Size	7 7/8" (W) x 11 1/8" (D) x 3 1/4" (H)
Weight	8 lb. 3 oz.

TRANSMITTER

RF Power Output	AM/FM :200W. DC Carrier AM :400W. Peak Power, @ 100% Modulation
Spurious Emissions	-50 dB
Audio Distortion	10%
Frequency Response	300 to 2500Hz
Microphone	Dynamic

RECEIVER

Sensitivity	AM : 0.5 μ V for 10dB S+N/N FM : 0.25 μ V for 12dB S+N/N
Squelch Sensitivity	0.5uV
Selectivity	-55 dB
Image Rejection	50 dB
Hum & Noise	40dB
Audio Power Output	2.5W at 10% THD