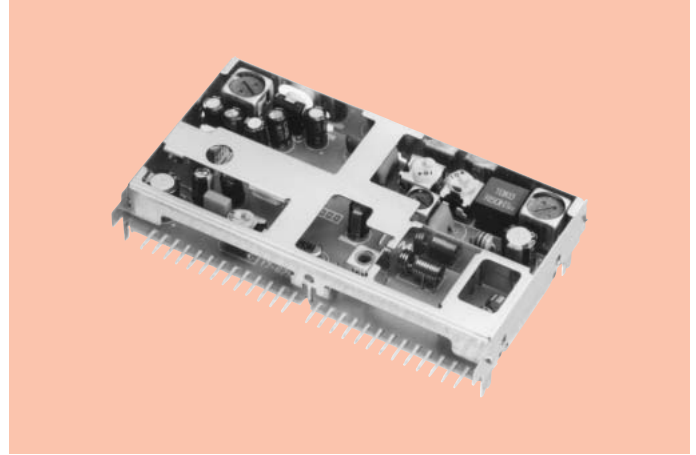


Compact, AM/FM Automotive Electronic Tuner for Popular Class FAE391-A20

AM/FM Electronic Tuners

FEATURES

1. Car FM/AM all-in-one electronic tuner.
2. FM three gang tuning, F.E+IF+NC+MPX structure.
3. LW~MW receiving without band switching circuit, due to the AM double conversion method.
4. FM-DET pin allows use in sets with RDS (European) function.
5. Ideal for mid-and high quality car stereo systems.
6. Supports various bands (normal overseas, North American, European).



SPECIFICATIONS

| Item | FAE391-A20 | | |
|---------------------------------|---|-----------------------------------|-----------------------------------|
| | FM | MW | LW |
| Supply Voltage | 8.2V | 8.2V | 8.2V |
| Current Consumption | 150mA max. | 145mA max. | 145mA max. |
| Tuning Range | 87.5~108MHz | 530~1710kHz | 153~279kHz |
| Input Impedance | 75Ω unbalanced | ———— | ———— |
| Center IF | 10.7MHz | 1st IF=10.71MHz 2nd IF=450kHz | 1st IF=10.71MHz 2nd IF=450kHz |
| Usable Sensitivity | 10dBμmax. (3.5dBμtyp.) S/N 30dB | 35dB max. (29dB typ.) S/N 20dB | 37dB max. (32dB typ.) S/N 20dB |
| Image Rejection | 43dB min. | 45dB min. | 45dB min. |
| IF Rejection | 70dB min. | 50dB min. | 45dB min. |
| S/N Ratio (1kHz, 45kHz dev.) | 54dB min. (mono) | 45dB min. | 42dB min. |
| Output Level (1kHz, 45kHz dev.) | 200mV/rms typ. | 110mV/rms typ. | 110mV/rms typ. |
| Separation | 25dB min. (Input 60dB, 40kHz dev.+Pilot 10%) | ———— | ———— |

*Note Specifications subject to change without notice.

