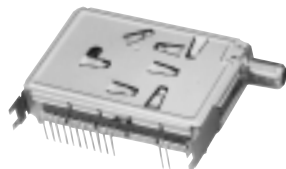


Type : **ET03DR**



Features

- Compact size, Vertical / Horizontal mounting available
- Low Phase Noise
- Low power consumption
- Built in Diplexer UP / DOWN data filter (U.S.A, Europe)
- Built in RF Loop through (Europe)

Recommended Applications

- Cable modem, Digital CATV Set Top Box, PC data receiver, Cable Telephone receiver

■ Performance Specifications, Summary

Items	U.S.A. Channel	Europe Channel
1. RF Input Frequency	88 to 860 MHz	47 to 862 MHz
2. RF Input Impedance	75 Ω Unbalanced	75 Ω Unbalanced
3. Output Center Frequency	43.75 / 44 MHz	36.125 MHz
4. IF Output Impedance	75 Ω Unbalanced / Balanced	75 Ω Balanced
5. Noise Figure	9 dB max.	9 dB max.
6. Gain	46 dB typ.	46 dB typ.
7. Image Rejection	50 dB min.	45 dB min.
8. Phase Noise	− 88 dBc / Hz typ. @ 10 kHz offset	− 88 dBc / Hz typ. @ 10 kHz offset
9. Supply Voltage	+ 5 V : 130 mA typ. 170 mA max. + 30 V : 1 mA typ. 3 mA max.	+ 5 V : 130 mA typ. 170 mA max. + 30 V : 1 mA typ. 3 mA max.
10. PLL Interface	I ² C	I ² C
11. Externals Size	60.9(W) × 13.3(D) × 45.1(H)mm	