

Panasonic Digital Terrestrial Tuner

Type : **ET03DT**



Features

- Compact size, Vertical / Horizontal mounting available
- Low Phase Noise and High channel selectivity
- Built in RF Loop Through circuit (Optional)

Recommended Applications

- OFDM data receivers, TV, VTR

■ Performance Specifications, Summary

Items	U.K.Channel	Europe channel
1. Input Frequency	ch. 21 to 69 (470 to 862 MHz)	ch. 5 to 12 (174 to 230 MHz) ch. 21 to 69 (470 to 862 MHz)
2. RF Input Impedance	75 Ω Unbalanced	75 Ω Unbalanced
3. Output Center Frequency	36.167 MHz	36.167 MHz
4. IF Output Impedance	75 Ω Unbalanced	75 Ω Unbalanced
5. Noise Figure	8.5 dB max.	8.5 dB max.
6. Gain	38 dB typ.	38 dB typ.
7. Image Rejection	50 dB min.	50 dB min.
8. Phase Noise	— 80 dBc / Hz typ. @ 1 kHz — 87 dBc / Hz typ. @ 10 kHz	— 80 dBc / Hz typ. @ 1 kHz — 87 dBc / Hz typ. @ 10 kHz
9. Supply Voltage	+ 9 V : 70 mA typ. 90 mA max. + 5 V : 45 mA typ. 60 mA max. + 30 V : 1 mA typ. 3 mA max.	+ 9 V : 70 mA typ. 90 mA max. + 5 V : 45 mA typ. 60 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	

◇Europe type available