

Features:

- Long Battery Life
- Economical
- Small & Rigid design

Description:

The RFFGV010-036 is a Function Generator which operates in frequency ranges from 1 Hz to 3 MHz with 10 mHz frequency resolution. The signal output uses a SMA connector to facilitate the connection to RF test equipment. Waveform can be Sine, Triangle, Square and Pulse.



Electrical Specifications:

Frequency Range:	1 Hz to 3 MHz
Frequency Resolution:	10 mHz
Output Level:	0.65Vpp to 5Vpp
Amplitude Resolution:	± 0.5Vpp
Output Impedance:	50 Ω / 150 Ω / 600 Ω / 1M Ω
Mode of Operation:	Single/Sweep
Sweep Time:	User Input (100ms – 100s)
Sine Wave:	
Harmonics & Spurious	Minimum 45 dB
Flatness	±2 dB
Triangle Wave:	
Linearity	98 %
Square / Pulse Wave:	
Rise or Fall Time	100ns
Pulse Wave Duty cycle	10 % to 90 %
OLED Display :	27.0 X 11.5 mm (128 x 32)
Operating temperature:	0 °C to 50 °C
Battery Operation :	8 Hours on a single charge
Output Connector:	SMA (F)
Power Consumption:	2 Watt (Max.)
Mechanical Specifications:	
Dimensions (mm) :	(A) = 165.5 (H) = 143.3 (S) = 82.74
Shape:	Hexagonal shape
Weight	500 gm

Applications:

- Agile LO frequency synthesis
- Low jitter, fine tune clock generation
- Test and measurement equipment
- Secure communications
- Fast frequency hopping

Standard Accessories:

- Type-B USB Charger (5V – 2A) (Figure 1)
- SMA(M) to SMA(M) 50 Ohms cable 10" (Figure. 2)

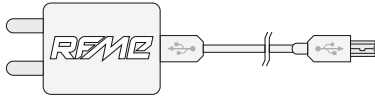


Figure 1



Figure 2

