

Broadband Signal Source RFDDV104-107-10

Features:

- Precise Frequency Control
- Low Phase Noise
- Dual Mode Operation (Extended by GUI)
- Long Battery Life (4 Hrs)
- Small & Rigid design
- Economical
- Software Operated

Description:

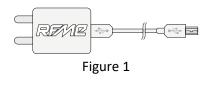
The RFDDV104-107-10 is a Signal Source which operates in frequency ranges from 100 KHz to 100 MHz with 10 KHz frequency steps. The signal output uses a SMA connector to facilitate the connection to RF test equipment.

Applications:

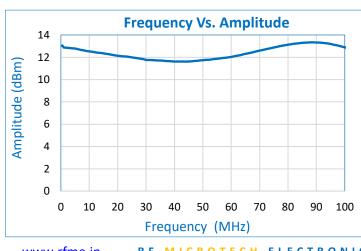
- Agile LO frequency synthesis
- Low jitter, fine tune clock generation
- Test and measurement equipment
- Wireless base stations and controllers
- Secure communications
- FM Application

Standard Accessories:

- Charger (Figure 1)
- SMA(M) to SMA(M) 50 Ω cable 10" (Figure. 2)









	and minimumas.
Electrical Specifications:	
Frequency Range:	100 KHz to 100 MHz
Output Power :	12.5 ± 1.5 dBm
Output Impedance:	50 Ω
Mode of Operation:	Single/Sweep/Pulse
Sweep Time:	100 msec - 100 sec.
Harmonic Response:	Minimum 34 dBc
Spurious Response:	Minimum 60 dB
Phase Noise:	-110 dBc/Hz @ 100KHz
VSWR:	≤ 2:1
Resolution :	10 KHz
External Trigger In/Out:	3 V /2.5 V
External Trigger Connector:	SMB (F)
USB Interface:	Туре-В
OLED Display :	27.0 X 11.5 mm (128 x 32)
Charging Voltage:	5V Maximum
Operating temperature:	0 °C to 50 °C
Battery Operation :	4 Hours on a single charge
Output Connector:	SMA (F)
Power Consumption:	1.50 Watt (Max.)
Mechanical Specifications:	
Dimensions (mm) :	(A) = 165.5
	(H) = 143 3
	(ii) = 145.5 (S) = 82.74
Shape:	Hexagonal shape
-	
Weight:	500 gm
15	Harmonics
	Fundament
<mark>ଚ</mark> ିଳ -5	2nd
-5 -5 -25 -45 -45	Harmonics
-25	3rd
	Harmonics 4th
E V	Harmonics
-65	5th
	Harmonics
-85	

100

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60

Frequency (MHz)

80

A. Electrical specification and Performance data contained in this specification document are based on RFME's applicable established test performance criteria and measurement instruction. B. The parts covered by this specification document are subject to RFME standard limited warranty and terms & conditions.