

**SPECIFICATIONS OF THE NETWORK SOUNDER
DFF1**

1. GENERAL

- 1.1. Output Power 600 W/ 1 kW rms nominal, 1 kW requires optional MB-1100
- 1.2. TX Frequency 50 kHz or 200 kHz, 50/200 kHz exchangeable
- 1.3. Amplifier type Wide dynamic linear amp (double superheterodyne)
- 1.4. Network protocol Ethernet 100/10BASE-TX
- 1.5. Depth Range and Pulse Repetition Rate

Range (m)	PRR (/min.)
2	3000
5	3000
10	1990
40	485
100	195
200	95
400	65
1200	34

2. POWER SUPPLY

12-24 VDC: 1.1-0.4 A (at 1 kW output)

3. ENVIRONMENTAL CONDITION

- 3.1. Ambient Temperature -15°C to +55°C
- 3.2. Relative Humidity 93% at 40°C
- 3.3. Dustproofing, waterproofing IP20 (not waterproof)
(IEC60529)
- 3.4. Vibration (IEC 60945 Ed4)
 - 2-5 Hz and up to 13.2 Hz with an excursion of $\pm 1 \text{ mm} \pm 10 \%$
(7 m/s^2 maximum acceleration at 13.2 Hz)
 - 13.2-100 Hz with a constant maximum acceleration of 7 m/s^2

4. COATING COLOR

- 4.1. Main Unit N3.0