

# Base Station F800 - Technical Data

TYPE OF STATION	F802	F804	F805
<b>GENERAL</b>			
Operating mode	Simplex or Duplex		
Frequency range	68 - 88 MHz	146 - 174 MHz	370 - 415 MHz
			378 - 415 MHz
			400 - 443 MHz
			430 - 470 MHz
No of channels	15 (255 as option)		
Channel separation	25 kHz		25 (12.5 kHz as option)
Frequency stability	± 1.35 kHz	± 2 kHz	± 2.5 kHz
Signal/noise ratio, SINAD CCITT	>40 dB		25 kHz >40dB 12.5 kHz >37 dB
AF in and output level	-10dBm at 600 ohm		
Antenna impedance	50 Ohm N connector for case		
Supply voltage	13.8 V <sub>DC</sub> (10.8-15.6 V)		
Voltage to interface	13.2 V <sub>DC</sub> max. 1 A		
Supply current			
Transmitting	Approximate 6A at 13.8 V <sub>DC</sub> and 20 W		
Receiving	Approximate 0.8 A at 13.8 V <sub>DC</sub>		
Weight	Less than 15 kg		
Dimensions (WxHxD)	Approx. 439 x 177 x 325 mm, equipped with brackets for 19" rack mount, 4HE		
Operating temperature range	-25°C to +55°C		
Storage temperature range	-40°C to +85°C		
Standards	Meets or exceeds ETS 300 086, ETS 300279		
<b>TRANSMITTER</b>			
Output power	20 W ±1 dB or 2 W ±1 dB		
Output power for 370 - 415 MHz	6 W ±1 dB or 0.6 W ±1 dB		
Adjacent channel power	Less than -70 dBc or 0.2 µW for 25 kHz channel separation		
Spurious emissions 9 kHz - 1 GHz	Better than -36 dBm		
<b>RECEIVER</b>			
Sensitivity ½ EMK 12 dB SINAD	Better than -116 dBm	Better than -116 dBm	Better than -115 dBm (25 kHz) Better than -113 dBm (12.5 kHz)
Adjacent channel rejection	Better than -70 dB		
Intermodulation rejection	Better than -70 dB		
Spurious and image rejection	Better than -70 dB for 25 kHz channel separation		
Spurious emissions 9 kHz - 1 GHz	Better than -57 dBm		

Telenor products are under continuo's development. We therefore reserve the right to change technical data or to modify the equipment without prior notice.



**Telenor Connect AB**

P.O. Box 903

SE-692 29 KUMLA, Sweden

Tel +46 19 586 400. Fax +46 19 584 510

**EN/LZT 123 593 R8**