

EM7**Electret surface
mount microphone**

Article-No.:
6801-000-000-51

**Product:****Characteristics**

- Electret microphone capsule
- Solid plastic housing
- Microphone preamplifier

Options

- Customized plugs and cables
- Dynamic microphone capsule
- Passive version

Application range

- For area monitoring and recording systems e.g. air traffic control

Scope of delivery

- Microphone with cable
- Mounting hook-and-loop tape

Technical Data:**General**

Housing:	Plastic PPO, black
Dimensions:	Height 24 mm, Ø 48 mm
Weight:	220 g (7.7 oz)
Connection:	2-wires cable, shielded, 20 m, without connector
Storage temperature:	-40 °C to +80 °C (-40 °F to +176 °F)
Operation temperature:	-30 °C to +70 °C (-22 °F to +158 °F)

Microphone

Operating voltage (DC):	8 V
Frequency range:	120 Hz to 9 kHz at -10 dB
Sensitivity:	500 mV/Pa (-6 dBV/Pa ± 3 dB) at 8 V/680 Ω
Impedance:	100 Ω ± 20 % at 1 kHz/R _L = 680 Ω
Directivity:	Omnidirectional