

ME1 Hands-free Microphone

Electret surface mount microphone

Article Number

01 6909 00100051 (former 2909-003-000-51)



Characteristics

- Electret microphone capsule
- Unidirectional noise canceling
- Solid plastic housing

Scope of delivery

- Surface mount microphone with cable
- HV20 mount with hook-and-loop tape
- WS19 windscreen

Options

- Customized plugs and cables
- [Minor modifications and individual adaptations](#) on request

Application range

- Hands-free systems in vehicles

Accessories

- WS19 windscreen

Specifications

General

Housing	PE plastic, black
Dimensions	Height 30 mm, width 17 mm, depth 32 mm
Weight	40 g (1.4 oz)
Connection	1-wire cable, shielded, 3.5 m, without connector
Storage temperature	-30 °C to +70 °C (-22 °F to +158 °F)
Operating temperature	-25 °C to +60 °C (-13 °F to +140 °F)

Microphone

Operating voltage	1.5 V to 10 V (DC)
Frequency range	100 Hz to 14 kHz at -10 dB
Sensitivity	12 mV/Pa (-44 dBV/Pa $\pm$ 3 dB) at 5 V/2 kOhm
Impedance	1.6 kOhm $\pm$ 20 % at 1 kHz/RL = 2 kOhm
Directivity	Cardioid (at 1 kHz; 180° -15 dB)