

# ME510

Electret  
microphone head

Article-No.:  
**2903-002-000-03**



ELECTRET MICROPHONE HEAD - ME510

## Product:

### Characteristics

- Electret microphone capsule
- Unidirectional noise canceling
- Rugged chromed housing
- Designed for gooseneck mounting

### Options

- Black matte housing
- Mounted on gooseneck

### Application range

- Radio and PA systems in mobile applications
- Specially designed for digital radios

### Accessories

- Various goosenecks and mounting brackets

### Scope of delivery

- Microphone head with cable

## Technical Data:

### General

Housing:	Brass, sand blasted chrome (matte)
Dimensions:	Length 88 mm, Head Ø 29 mm, Body Ø 24 mm
Weight:	116 g (4.0 oz)
Connection:	2-wire cable shielded, 1.75 m, without connector
Storage temperature:	-30 °C to +70 °C (-22 °F to +158 °F)
Operation temperature:	-25 °C to +60 °C (-13 °F to +140 °F)

### Microphone

Operating voltage:	1.5 V to 10 V
Frequency range:	100 Hz to 8 kHz at -10 dB
Sensitivity:	24 mV/Pa (-32 dBV/Pa ± 3 dB) at 3 V/2.2 kΩ
Impedance:	1.9 kΩ ± 20 % at 1 kHz/R <sub>L</sub> = 2.2 kΩ
Directivity:	Cardioid (at 1 kHz; 180° -15 dB)