

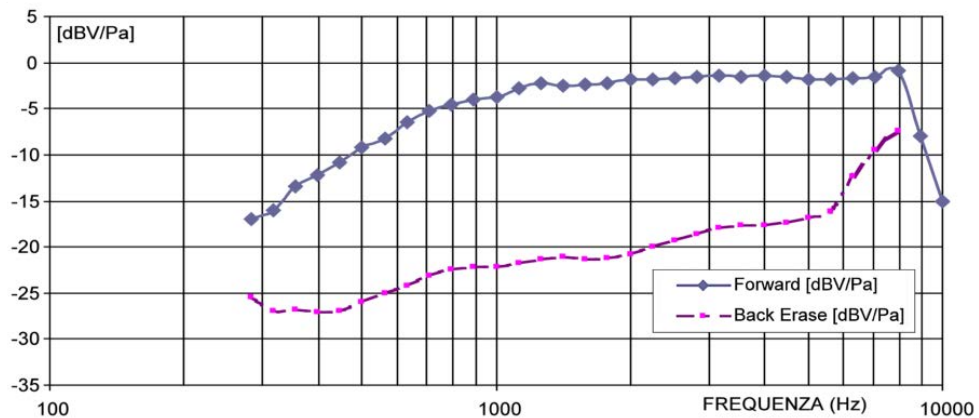
# MIC-06-006-xx

## Features

Amplified unidirectional, electret condenser microphone, for ceiling light mounting. Specifically designed to offer good intelligibility and low distortion also in noisy environmental conditions, can be supplied with sensitivity from +3 up to -22 dB on request (see sensitivity for ref.)

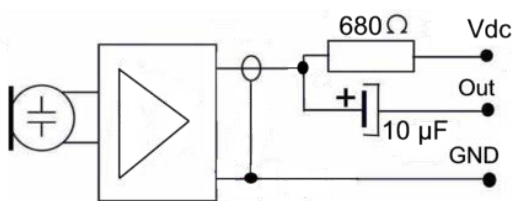
**Extended Power supply range  
from 5 to 8 Vdc**

## Typical Microphone Sensitivity

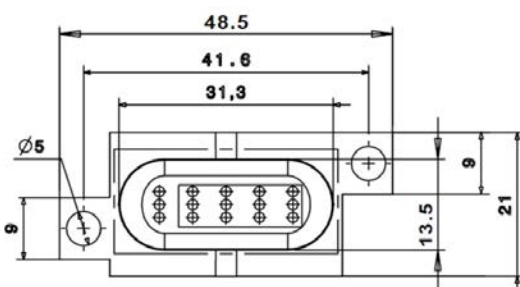


## Technical Specifications

### Test Circuit



### Mechanical Layout



Directivity: Uni-directional (Cardioid pattern)  
Sensitivity: -3,7 dB  $\pm$ 3dB re 1V/Pa @ 1 kHz  
Equal to 640 mV meas. at 50 cm (Typ.)  
Power supply: 5  $\div$  8 Vdc  
Max current:  $\leq$  2 mA @ 94dB SPL  
Idle mode:  $<$  0,6 mA  
Load resistor: 680  $\Omega$   
S/N Ratio:  $>$  60 dBA  
THD:  $<$  2,5%  
Max. SPL: 120 dB  
Operat. temp.: -25° to +70°C  
Storage temp.: -40° to +85°C  
Weight:  $\sim$ 15g  
Case material: ABS Black  
Cable length and connector: On request

