Panasonic

Microphone Cartridges

Omnidirectional Electret Condenser Microphone Cartridge

Series: WM-52B/54B (pin type)

- Features
- High-cost performance, electret condenser microphone cartridge
- WM-52B series are low-voltage, 1.5V operation microphones and suitable for all telephone applications, intercoms, and computers.

Sensitivity

WM-52B WM-54B Т -44±3dB Х -46±3dB Vs = 1.5VVs = 2.5V-42±3dB -44±3dB Υ U $RL = 3.0k\Omega$ $RL = 2.2k\Omega$ U -40±3dB Υ -42±3dB Μ -44±2dB U -40±3dB Н -42±2dB -44±2dB Μ Ρ -40±2dB н -42±2dB

Specifications

Sensitivity	See next page (0dB = 1V/pA, 1kHz)
Impedance	Less than 3.0k [2.2k Ω]
Directivity	Omnidirectional
Frequency	20–16,000 Hz
Max. operation voltage	10V
Standard operation voltage	1.5V [2.5V]
Current consumption	Max. 0.3mA [0.6mA]
Sensitivity reduction	Within –3 dB at 1.1V [2V]
S/N ratio	More than 60dB

Typical Frequency Response Curve



Dimensions in mm (not to scale)

WM-52B

WM-54B



Design and Specifications are subject to change without notice. Ask factory for technical specifications before purchase and/or use. Whenever a doubt about safety issues arises from this product, please inform us immediately for technical consultation.



 WM-54B series are low-voltage 2.5V operation microphones and suitable for tape recorders, telephone devices, and toys