

## ECM-166BMP

Uni-directional lavalier Electret condenser microphone



### Overview

Black coloured uni-directional electret condenser lavalier microphone supplied with a 3-pole locking mini-plug for use with the bodypack transmitter included in UWP series

- Uni-directional, electret condenser microphone
- Reasonably priced lavalier microphone, ideal for ENG and EFP uses

### Specifications

#### Audio Section

Capsule Type	Electret Condenser
Frequency Response	100 Hz to 10 kHz
Directivity	Uni-directional
Sensitivity *[1]	-45 dB (5.6 mV) $\pm$ 3 dB
Output Impedance * [2]	2.5k $\Omega$ $\pm$ 30%, Unbalanced
Dynamic Range	96 dB or more

Signal-to-Noise Ratio *[3]	60 dB or more
-------------------------------	---------------

Inherent Noise *[4]	34 dB SPL or less
---------------------	-------------------

Maximum Input Sound Pressure Level *[5]	130 dB SPL
---	------------

## General Section

Connector	BMP type. Supplied with ø3.5 mm, 3-pole mini plug.
-----------	--

Mic Cable	3.9 feet 1.2 m
-----------	-------------------

Power Requirements	DC 1.1 V to 10.0V
--------------------	-------------------

Power Consumption	0.4 mA or less
-------------------	----------------

Dimensions *[6]	φ12.7 X 23.8 mm (Mic head) φ1/2 X 15/16 inches (Mic head)
-----------------	--

Mass	Approx. 19.8 g Approx. 0.7 oz
------	----------------------------------

Supplied Accessories	Urethane type windscreen (1) Single/horizontal type tie clip (1) Operating instructions (1)
----------------------	---

## Notes

Note

\*[1] 0 dB = 1 V/Pa, at 1 kHz

\*[2] Output impedance at 1 kHz

\*[3] A-weighted, 1 kHz, 1 Pa.

\*[4] 0dB SPL = 20? Pa.

\*[5] 0 dB SPL = 20? Pa.

\*[6] The values for dimensions are approximate.

## Related products



### **UWP-D11**

UWP-D bodypack wireless microphone package



### **UWP-D12**

UWP-D handheld wireless microphone package



### **UWP-D16**

UWP-D bodypack and XLR plug-on wireless microphone package

## Gallery

