



## 5200 LAVALIER MICROPHONE



A subminiature microphone capsule with over-molded plastic housing and cable for convenient mounting on lapel or tie for communications, public address, music recording, etc., this microphone features a flat, extended frequency response suitable for reproduction of voice or musical instruments.

A 1.5 meter long shielded cable of 2.5mm diameter is provided in the basic configuration. This cable includes two wires plus a spiral wound shield, which are soldered to the microphone capsule.

A composite steel retainer plus molded elastic strain relief provide a very rugged miniature package.

Noise transmission from handling and clothing movement is very low. Model 5200 is wide band omnidirectional. Internal RFI suppression is included.

### Features:

- Great Acoustic Performance
- Super Ambient Noise Rejection
- Rugged Construction

Specifications:	
<b>Microphone</b>	
<b>Generating Element:</b>	Electret Condenser
<b>Polar Pattern:</b>	Omnidirectional
<b>Frequency Response:</b>	100 Hz to 20 kHz
<b>Sensitivity:</b>	-40 dB re 1V/Pa @ 1 kHz
<b>Maximum Input SPL:</b>	125 dB
<b>Noise Level:</b>	27 dB "A" Weighted
<b>Dynamic Range:</b>	97 dB
<b>Signal/Noise Ratio:</b>	67 dB
<b>Bias Voltage:</b>	1.5 V to 9.0 V
<b>General</b>	
<b>Wire Configuration:</b>	B+ : Red Sig : White Gnd: Shield
<b>Cable Length:</b>	1.5 m
<b>Weight:</b>	18 grams (without cable/connector)
<b>Color:</b>	Black or Beige
<b>Standard Accessories:</b>	Windscreen, Cable Clip