


Model Number 377B11	PRECISION CONDENSER MICROPHONE		Revision G ECN #: 42004											
Performance Nominal Microphone Diameter Frequency Response Characteristic Open Circuit Sensitivity (at 250 Hz) Open Circuit Sensitivity (± 1.5 dB) (at 250 Hz) Frequency Range (± 1 dB) Frequency Range (± 2 dB) Lower Limiting Frequency (-3 dB) Resonant Frequency (90° Phase Shift) Dynamic Range (3% Distortion Limit) Dynamic Range (Cartridge Thermal Noise)	ENGLISH 1/2" Pressure 50 mV/Pa -26 dB re 1 V/Pa 5 to 7500 Hz 3.15 to 10000 Hz 1 to 2.4 Hz 12 kHz >143 dB re 20 μ Pa <15 dB(A) re 20 μ Pa	SI 1/2" Pressure 50 mV/Pa -26 dB re 1 V/Pa 5 to 7500 Hz 3.15 to 10000 Hz 1 to 2.4 Hz 12 kHz >143 dB re 20 μ Pa <15 dB(A) re 20 μ Pa	Optional Versions (Optional versions have identical specifications and accessories as listed for standard model except where noted below. More than one option maybe used.) Notes [1] Typical. [2] Prepolarized [3] re 1 kHz Supplied Accessories ACS-20 Calibration of Precision Condenser Microphones (1)											
Environmental Temperature Range (Operating) Temperature Coefficient of Sensitivity (+14 to +122°F (-10 to +50°C)) Static Pressure Coefficient (at 250 Hz) Influence of Humidity (0 to 100%, non-condensing) Influence of Axial Vibration (0.1g (1 m/s ²))	-40 to +248 °F 0.005 dB/°F -0.01 dB/kPa -0.1 to 0.1 dB 63 dB re 20 μ Pa	-40 to +120 °C 0.009 dB/°C -0.01 dB/kPa -0.1 to 0.1 dB 63 dB re 20 μ Pa	[1][3] [1] [3] [1]											
Electrical Capacitance (Polarized) Polarization Voltage	11 pF 0 V	11 pF 0 V	[1] [2]											
Physical Housing Material Venting Mounting Thread (Preamplifier) Mounting Thread (Grid) Size (Diameter) (with grid) Size (Diameter) (without grid) Size (Height) (with grid) Size (Height) (without grid) Weight	Stainless Alloy Rear 0.4606 - 60 UNS 0.5 - 60 UNS 0.52 in 0.5 in 0.64 in 0.6 in 0.28 oz	Stainless Alloy Rear 11.7 mm - 60 UNS 12.7 mm - 60 UNS 13.2 mm 12.7 mm 16.2 mm 15.3 mm 7.8 gm	[1]											
<p><i>All specifications are at room temperature unless otherwise specified.</i></p> <p>In the interest of constant product improvement, we reserve the right to change specifications without notice.</p> <p>ICP® is a registered trademark of PCB group, Inc.</p>				<table border="1"> <tr> <td>Entered: AP</td> <td>Engineer: MT</td> <td>Sales: MV</td> <td>Approved: MT</td> <td>Spec Number:</td> </tr> <tr> <td>Date: 09/09/2013</td> <td>Date: 09/09/2013</td> <td>Date: 09/09/2013</td> <td>Date: 09/09/2013</td> <td>31215</td> </tr> </table>	Entered: AP	Engineer: MT	Sales: MV	Approved: MT	Spec Number:	Date: 09/09/2013	Date: 09/09/2013	Date: 09/09/2013	Date: 09/09/2013	31215
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