


Model Number 377A15		PRECISION CONDENSER MICROPHONE				Revision: NR ECN #: 44857		
<b>Performance</b> Nominal Microphone Diameter Frequency Response Characteristic Open Circuit Sensitivity Open Circuit Sensitivity(+/-2 dB) Frequency Range(+/-2 dB) Lower Limiting Frequency Resonant Frequency(90° Phase Shift) Inherent Noise Inherent Noise  Dynamic Range(3% Distortion Limit) Standards Designation(IEC 61094-4) <b>Environmental</b> Temperature Range(Operating) Temperature Coefficient of Sensitivity(+14 to +122°F (-10 to +50°C)) Static Pressure Coefficient Humidity Coefficient of Sensitivity(0 to 100%, non-condensing) Influence of Axial Vibration(0.1g (1 m/s²)) <b>Electrical</b> Capacitance Polarization Voltage <b>Physical</b> Housing Material Venting Mounting Thread(Preamplifier) Mounting Thread(Grid) Size (Diameter x Height)(with grid) Size (Diameter x Height)(without grid) Weight	<b>ENGLISH</b> 1"		<b>SI</b> 1"		<b>OPTIONAL VERSIONS</b>  Optional versions have identical specifications and accessories as listed for the standard model except where noted below. More than one option may be used.			
	Pressure		Pressure					
	50 mV/Pa		50 mV/Pa					[3]
	-26 dB re 1 V/Pa		-26 dB re 1 V/Pa					[3]
	5 to 8000 Hz		5 to 8000 Hz					
	1 to 3 Hz		1 to 3 Hz					
	8600 Hz		8600 Hz					[1]
	10 dB(A) re 20 µPa		10 dB(A) re 20 µPa					[1]
	<11.5 dB(A) re 20 µPa		<11.5 dB(A) re 20 µPa					
	>150 dB re 20 µPa		>150 dB re 20 µPa					
	WS1P		WS1P					
	-40 to +248 °F		-40 to +120 °C					
	+0.006 dB/°F		+0.01 dB/°C		[1][3]			
	-0.012 dB/kPa		-0.012 dB/kPa		[1][3]			
	+/-0.001 dB/%RH		+/-0.001 dB/%RH		[3]			
66.5 dB re 20 µPa		66.5 dB re 20 µPa		[1]				
45 pF		45 pF		[1]				
0 V		0 V		[2]				
Stainless Alloy		Stainless Alloy						
Rear		Rear						
0.9098-60 UNS		23.11mm-60 UNS						
0.9098-60 UNS		23.11mm-60 UNS						
0.936 in x 0.748 in		23.77 mm x 19 mm						
0.936 in x 0.668 in		23.77 mm x 17 mm						
1.08 oz		30.6 gm		[1]				
<i>All specifications are at room temperature unless otherwise specified. In the interest of constant product improvement, we reserve the right to change specifications without notice. ICP® is a registered trademark of PCB Group, Inc.</i>								
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