

	ENGLISH	SI	
Performance			
Gain(re 1 kHz)	± 0.3 dB	± 0.3 dB	[3]
Frequency Response(± 0.5 dB)(A-weighted, re 1 kHz)	50 to 8000 Hz	50 to 8000 Hz	[3]
Frequency Response(± 1.0 dB)(A-weighted, re 1 kHz)	20 to 20,000 Hz	20 to 20,000 Hz	[3]
Electrical Noise(Flat 20 Hz to 20 kHz)	<25 µV	<25 µV	[3]
Electrical Noise(1 kHz, 1/3 octave band)	<2.8 µV	<2.8 µV	[3]
Distortion(2 V rms input at 1 kHz)	<-57 dB	<-57 dB	
Environmental			
Temperature Range(Operating)	-40 to +149 °F	-40 to +65 °C	
Temperature Response	± 0.5 dB	± 0.5 dB	
Humidity Range(Non-Condensing)	0 to 95 %RH	0 to 95 %RH	
Humidity Sensitivity	± 0.5 dB	± 0.5 dB	
Electrical			
Excitation Voltage(Required)	24 to 32 VDC	24 to 32 VDC	
Constant Current Excitation(Required)	4 to 20 mA	4 to 20 mA	
Constant Current Excitation(To Pre-amplifier)	0.75 mA	0.75 mA	[1][2]
Impedance(Input)	30 kohm	30 kohm	[1]
Impedance(Output)	50 ohm	50 ohm	[1]
Output Voltage(Maximum)	3.5 Vpk	3.5 Vpk	
Physical			
Housing Material	Stainless Steel	Stainless Steel	
Size (Diameter x Length)	0.57 in x 3.66 in	14.5 mm x 93 mm	
Electrical Connector(Input)	BNC Plug	BNC Plug	
Electrical Connector(Output)	BNC Jack	BNC Jack	

OPTIONAL VERSIONS

Optional versions have identical specifications and accessories as listed for the standard model except where noted below. More than one option may be used.

NOTES:

[1] Typical.
 [2] For best performance, filter should be connected directly to the microphone preamplifier.
 [3] Measured with an 18 pF reference microphone and preamplifier.
 [4] See PCB Declaration of Conformance PS075 for details.

Entered: <i>BLS</i>	Engineer: <i>JF</i>	Sales: <i>MV</i>	Approved: <i>EB</i>	Spec Number:
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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.
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