

	<u>ENGLISH</u>	<u>SI</u>	
Performance			
Nominal Microphone Diameter	1/4"	1/4"	
Frequency Response Characteristic(at 0° incidence)	Free-Field	Free-Field	
Frequency Response(± 2 dB)	20 to 10,000 Hz	20 to 10,000 Hz	
Frequency Response(± 5 dB)	20 to 20,000 Hz	20 to 20,000 Hz	
Phase Match(100 Hz to 5 kHz)	± 5 °	± 5 °	[2]
Sensitivity(@ 250 Hz)	45 mV/Pa	45 mV/Pa	
Sensitivity(± 3 dB)(@ 250 Hz)	-26.9 dB re 1 V/Pa	-26.9 dB re 1 V/Pa	
Inherent Noise(A Weighted)	<30 dB	<30 dB	
Dynamic Range(3% Distortion Limit)	>122 dB	>122 dB	
TEDS Compliant	Yes	Yes	[3]
Environmental			
Temperature Range(Operating)	+14 to +122 °F	-10 to +50 °C	
Temperature Effect on Output(-10 to +50 °C)	<0.7 dB	<0.7 dB	[1]
Electrical			
Excitation Voltage	18 to 30 VDC	18 to 30 VDC	
Constant Current Excitation	2 to 20 mA	2 to 20 mA	
Output Bias Voltage	5.5 to 14 VDC	5.5 to 14 VDC	
Output Impedance	<150 Ohm	<150 Ohm	
Physical			
Housing Material	Stainless Steel	Stainless Steel	
Electrical Connector(Output)	10-32 Coaxial Jack	10-32 Coaxial Jack	
Size (Diameter x Length)(overall)	0.28 in x 2.36 in	7.0 mm x 60.0 mm	
Weight	0.34 oz	9.7 gm	[1]

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.

T - TEDS Capable of Digital Memory and Communication Compliant with IEEE P1451.4

NOTES:

[1] Typical.
 [2] ± 3° from 100 Hz to 3 kHz typical
 [3] TEDS Capable Digital Memory and Communication, compliant with IEEE 1451.4

SUPPLIED ACCESSORIES:
 Model ACS-21 Calibration of Electret Microphone (1)

Entered: AP	Engineer: MT	Sales: MV	Approved: MT	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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