

PAIR	CONSIST OF:
EM-26003-D10	EM-26424-D10 & EM-26699-D10

BOTH MICROPHONES OF THE PAIR ARE TESTED TO THEIR RESPECTIVE 2.1 SHEET AND THEN MATCHED TO THE OTHER MICROPHONE USING THE SPECIFICATION AND CONDITIONS BELOW:

1.

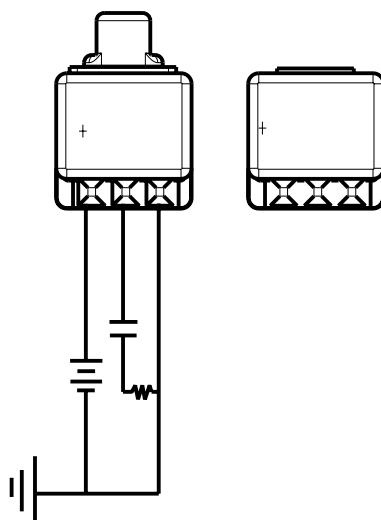
FREQUENCY	TEST TYPE	RANGE OF DEVIATION BETWEEN MICROPHONES	UNITS
500 Hz	SENSITIVITY	1.0 MAX.	dB
200 Hz	PHASE	2.0 MAX.	DEGREES
4000 Hz	PHASE	8.0 MAX.	DEGREES

2. SUPPLY IN PACKS WITH 500 Hz SENSITIVITY GRADES:

- A. -51.00 TO -52.00 dB re 1 V/ μ BAR
- B. -52.01 TO -53.00 dB re 1 V/ μ BAR
- C. -53.01 TO -54.00 dB re 1 V/ μ BAR
- D. -54.01 TO -55.00 dB re 1 V/ μ BAR
- E. -55.01 TO -56.00 dB re 1 V/ μ BAR
- F. -56.01 TO -57.00 dB re 1 V/ μ BAR

NOTES:

- 1. DC SUPPLY VOLTAGE .930 VOLTS.
- 2. TEST WITH 26 k Ω LOAD AND 1 μ F CAPACITOR COUPLED TO THE OUTPUT. SEE SCHEMATIC.
- 3. SENSITIVITY AND PHASE VALUES INDICATED ARE VALID AT 50% RH.



Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
			Released	A
A	M10100959	1-2-06		

KNOWLES ELECTRONICS ITASCA, ILLINOIS U.S.A.	WHEN TEST LIMITS ARE USED TO ESTABLISH INCOMING INSPECTION ACCEPTANCE/REJECTION CRITERIA, CORRELATION OF TEST EQUIPMENT WITH KNOWLES IS ALSO REQUIRED FOR ELIMINATION OF EQUIPMENT AND TEST METHOD VARIATION		DR. BY	DATE
	TITLE: MICROPHONE PAIR PERFORMANCE SPECIFICATION		MMM	1-2-06
			CK. BY	DATE
	EM-26003-D10 SHT 2.1		GJP	1-2-06
		APP. BY	DATE	
		GJP	1-2-06	