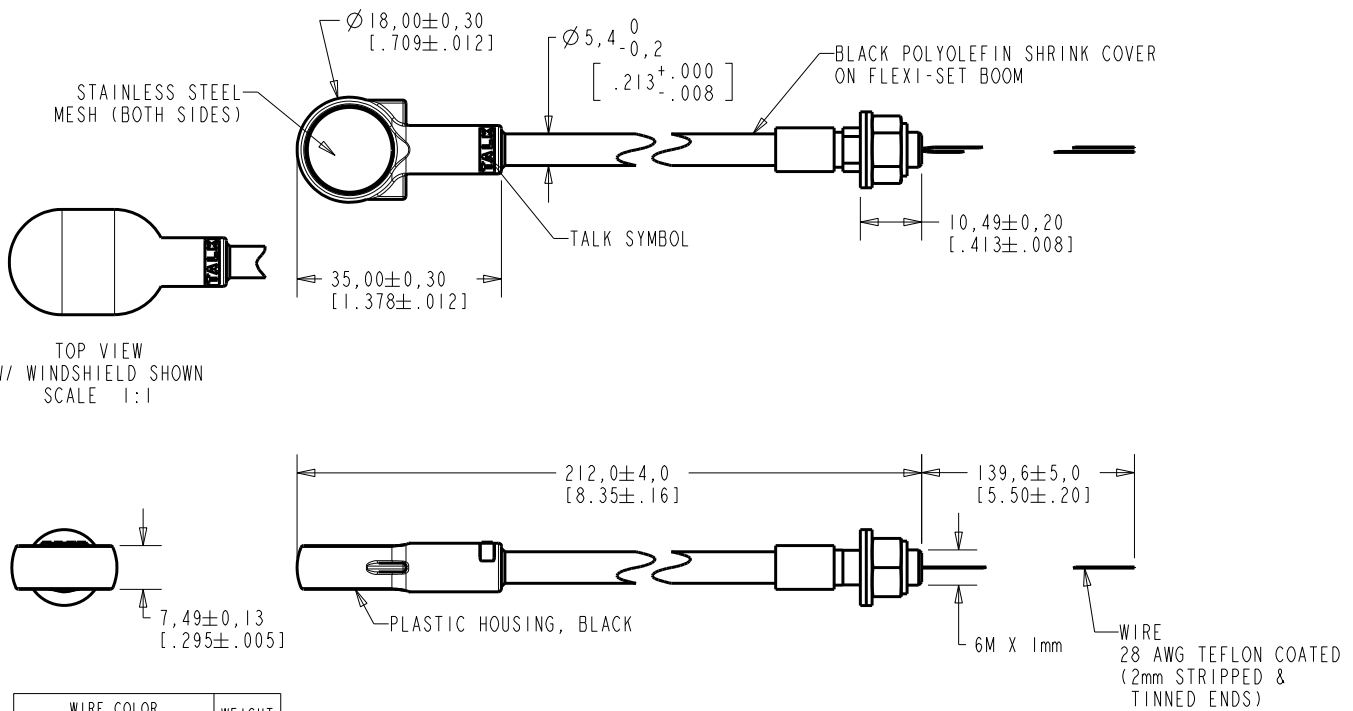


FB-EI-30026-000
SHT 1.1

NOTES:
1. LASER MARK, SEE WORK INSTRUCTION.



WIRE COLOR			WEIGHT GRAMS
+ve	OUTPUT	-ve	
RED	-	BLACK	t.b.d.

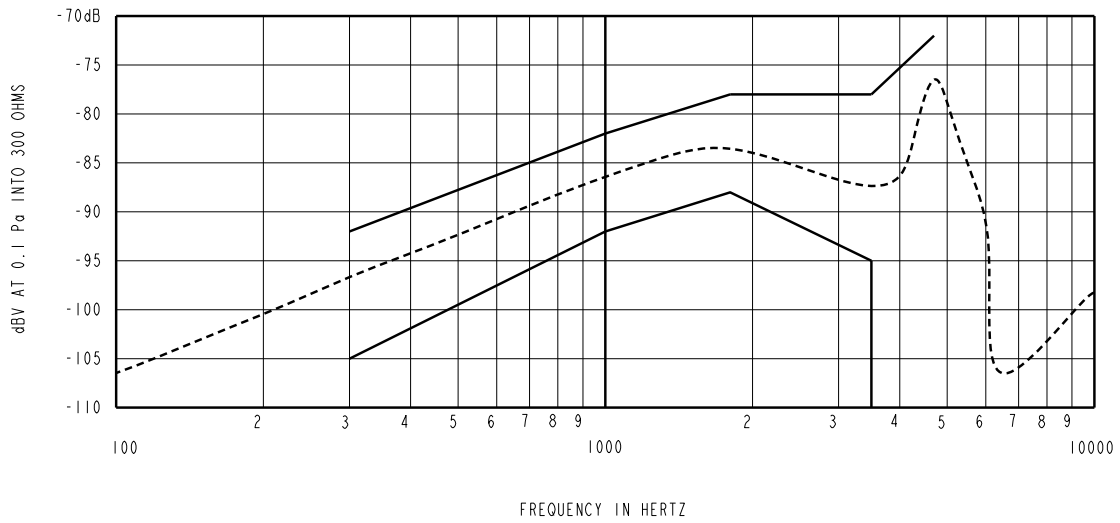
DIMENSIONS IN MILLIMETERS [INCHES]

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
G	C40100594	2-28-11	Active	G

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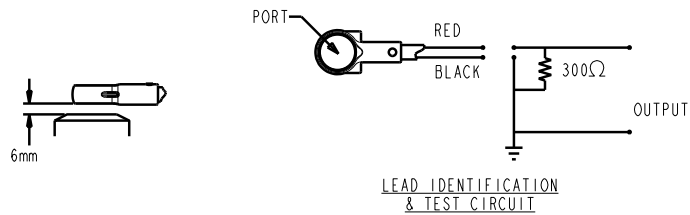
SCALE: 1:1	DR. BY: CRG	DATE: 4-28-08
DO NOT SCALE DRAWING	CK. BY: GJP	DATE: 8-4-06
TITLE: BOOM MICROPHONE	FB-EI-30026-000	APP. BY: GJP
OUTLINE DRAWING	SHT 1.1	DATE: 8-4-06

HE111ASIZE.FRM Rev: B



NOTES:

- SENSITIVITY VALUES INDICATED ON THIS SPECIFICATION ARE VALID AT 50% HUMIDITY.
- | FREQUENCY | SENSITIVITY | | |
|-----------|-------------|-------|------|
| | NIN. | NOM. | MAX. |
| 300 | -105 | -97.5 | -92 |
| 1000 | -92 | -87 | -82 |
| 1800 | -88 | -83 | -78 |
| 3500 | -95 | -87.5 | -78 |
| 4000 | --- | -86.5 | --- |
| 4700 | --- | -76.5 | -72 |
- TEST CONDITIONS:
HEAD OF BOOM EXPOSED TO 94 dB SPL SWEPT SOUND FIELD AT 6mm FROM VOICE APERTURE.
ARTIFICIAL VOICE:
B & K 4227 MOUTH SIMULATOR.
- FOR MICROPHONE CAPSULE SPEC. SEE DRAWING BJ-28471-000 SHEET 2.1.



Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
G	C40100594	2-28-11	Active	G

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: BOOM MICROPHONE PERFORMANCE SPECIFICATION		CRG	4-28-08
		GJP	8-4-06
FB-EI-30026-000 SHT 2.1		APP. BY	DATE
		GJP	8-4-06

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