

Enclosure: Mu-metal screening can.

**Electrical characteristics:**

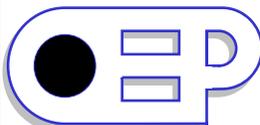
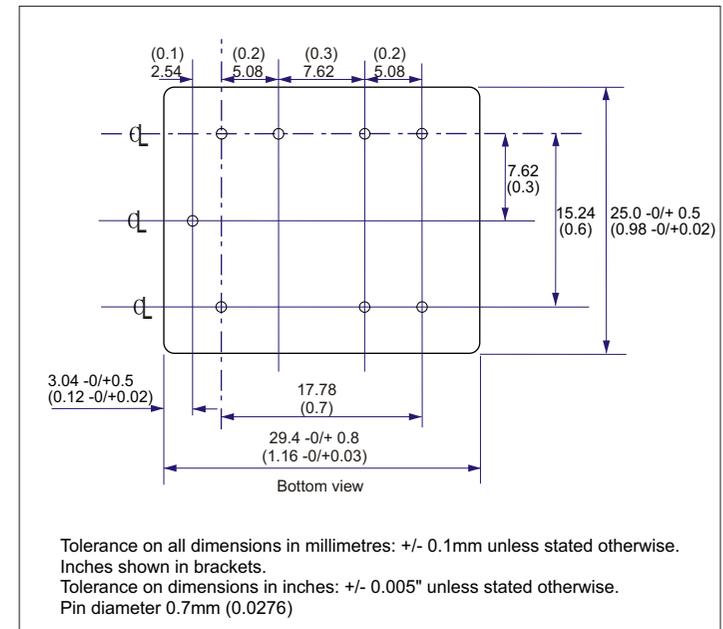
Winding ratio: 1:1: 1  
 DC resistance ( +/-15%):  
 Primary: 49.8  
 Secondary 1: 48.5  
 Secondary 2: 50.0  
 Inductance, measured at 1kHz, 0.1V  
 (series equivalent circuit):  
 Each winding: 2.82H (nominal)

Interwinding capacitance:  
 Primary to screens: 180pF @ 1kHz  
 Secondary 1 to screens: 71pF  
 Secondary 2 to screens: 113pF

Input impedance (secondaries loaded with 1k )  
 577

Proof voltage: windings to screen: 250Vrms  
 primary to secondaries: 250Vrms

Operating temperature range: 0 to +70°C.  
**N.B. Do not pass DC through windings.**

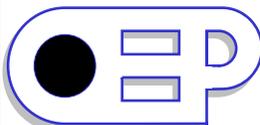
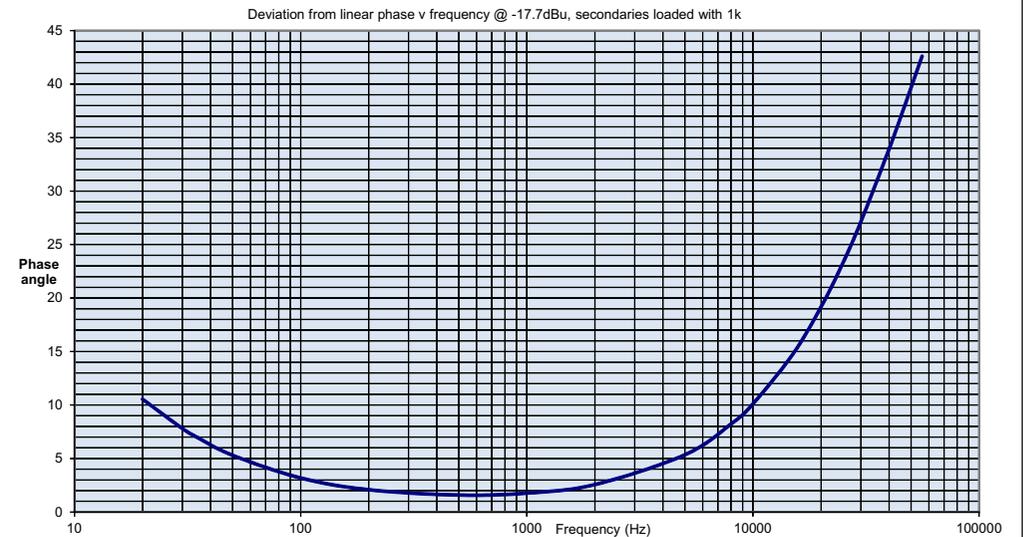
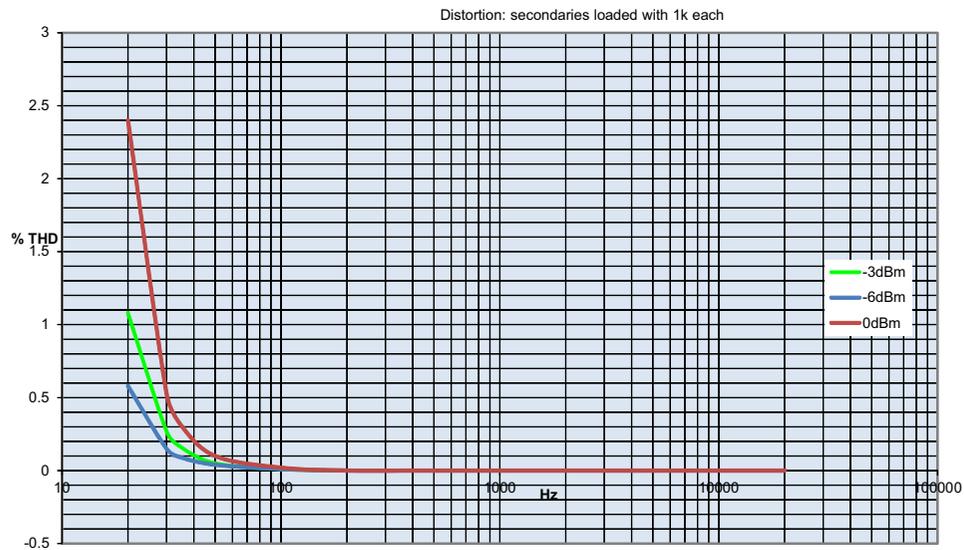
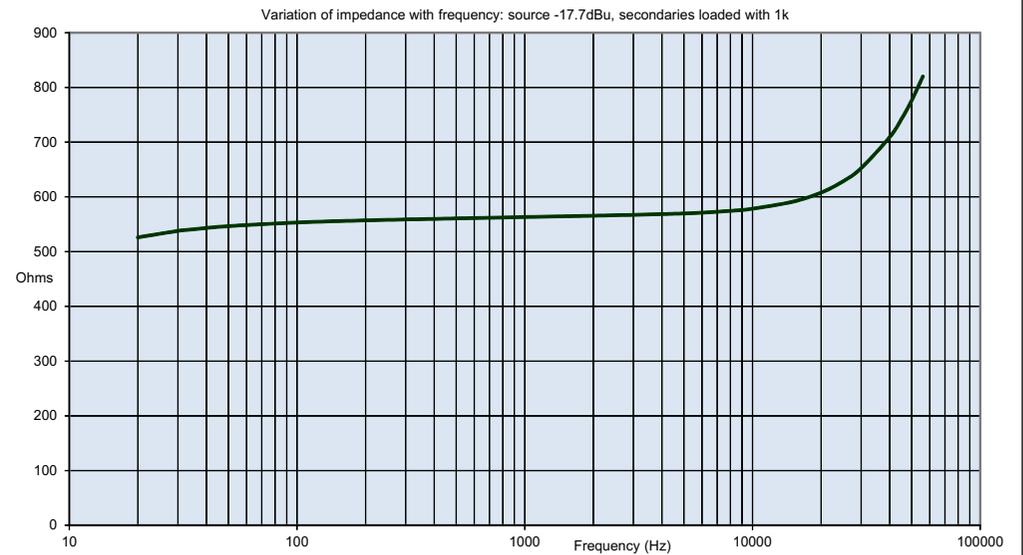
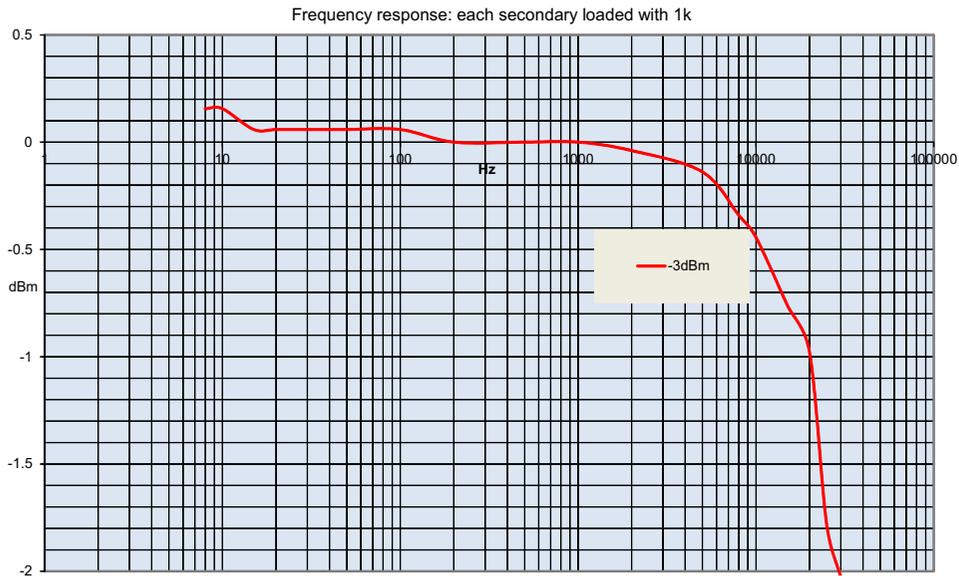


Unit 5, Oxonian Park, Langford Locks,  
 Kidlington, Oxfordshire. OX5 1FP  
 Tel: (01865) 855085 Fax: (01865) 855075  
 Website: [www.oep.co.uk](http://www.oep.co.uk)

DESCRIPTION	ISSUE	DATE	DRAWN	CHECKED	DRAWING NUMBER
1:1:1 microphone transformer	1	07/04/09	CS		A187A11C
	2	07/06/10	CS		
	3	04/08/10	CS		
	4	26/06/17	CS		

Scale: nts

All dimensions in mm unless stated otherwise

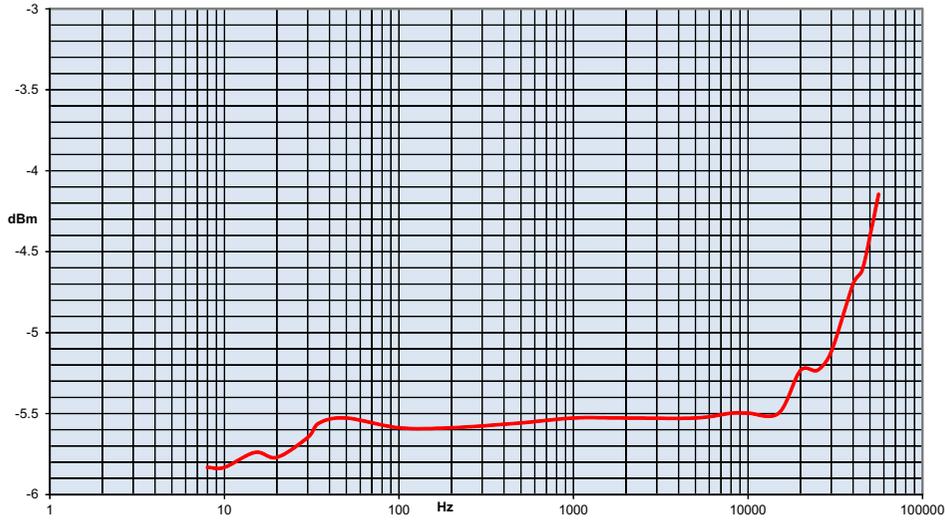


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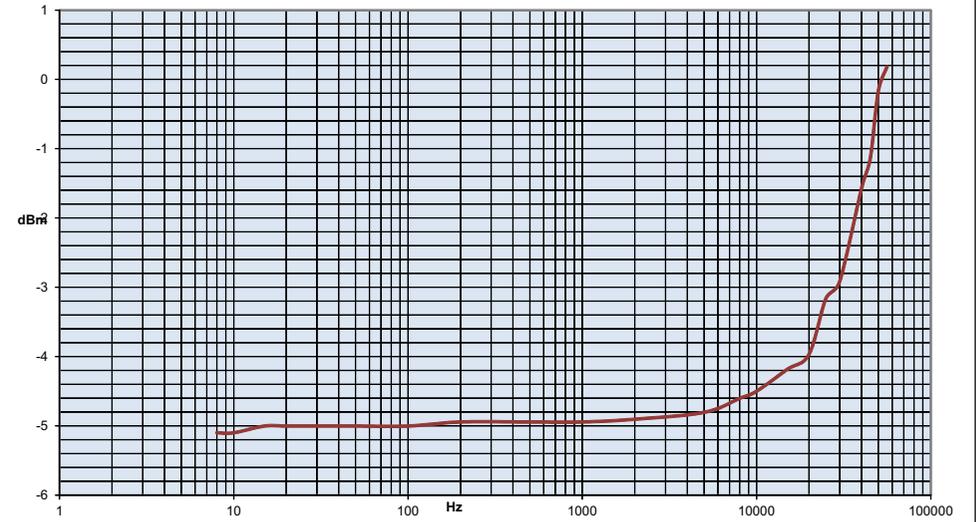
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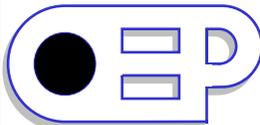
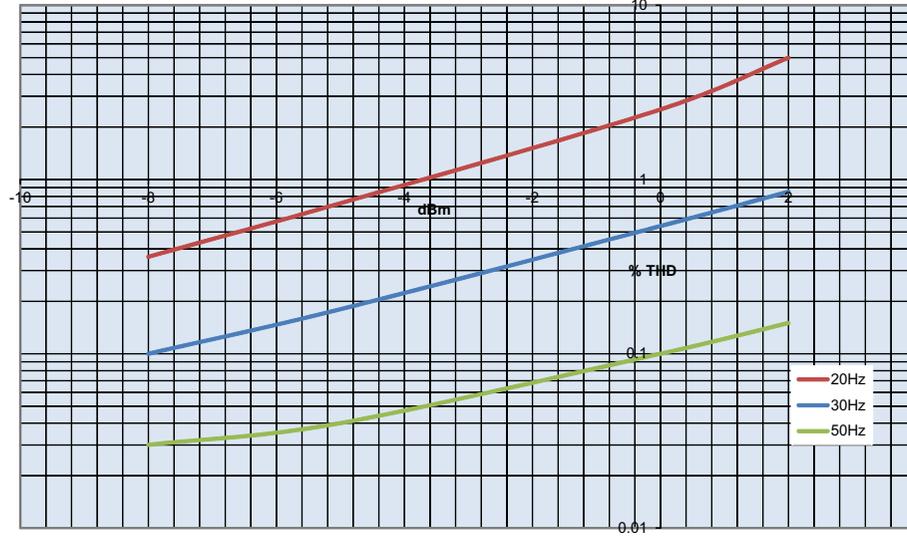
Return Loss, source -3dBm, each secondary loaded with 1k



Insertion Loss, source -3dBm, each secondary loaded with 1k



Distortion: secondaries loaded with 1k each



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