

Specification:

Winding ratio: 1:1: 1
 DC resistance (Ω +/-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)

Proof voltage: windings to screen: 250Vrms
 primary to secondaries: 250Vrms
 Interwinding capacitance:
 Primary to screens: 180pF @ 1kHz
 Secondary 1 to screens: 71pF
 Secondary 2 to screens: 113pF

Operating temperature range: 0 to +70°C.

Uses: designed to be driven from 150 Ω source
 with each secondary loaded with 1k Ω
 Provides 2 isolated balanced outputs
 Microphone splitting
 Ground loop elimination
 High common mode rejection
 Unbalanced line level to balanced microphone output
 Dual electrostatic shields.

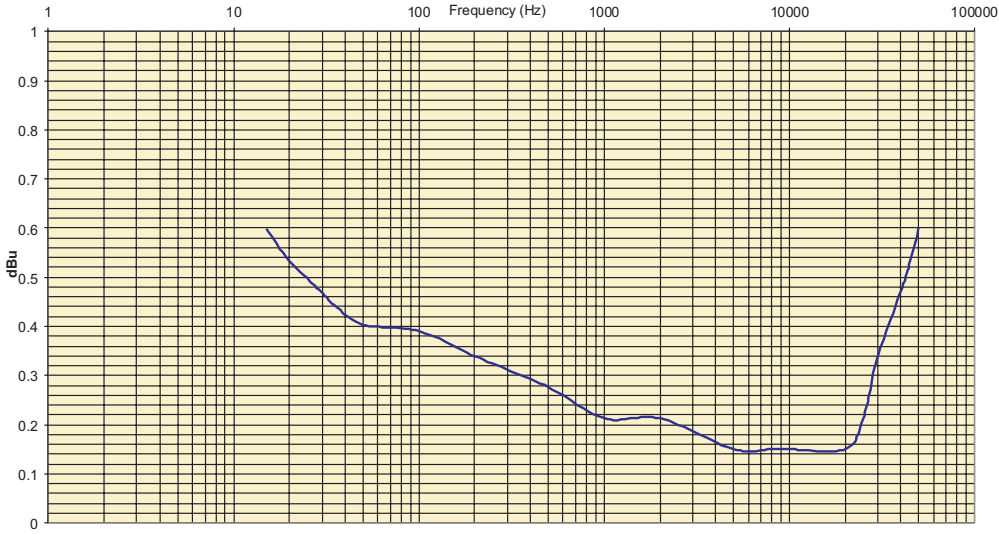
Optional mu-metal screening can available

**N.B. Do not pass DC through windings.
 This transformer is RoHS compliant.**

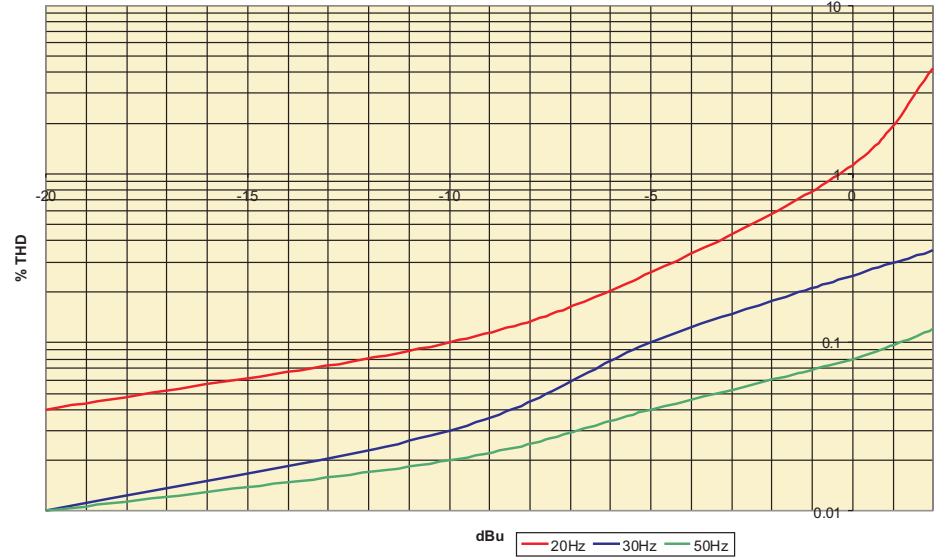
Walters Group Holdings Ltd.
 Unit 5, Oxonian Park, Langford Locks,
 Kidlington, Oxfordshire. OX5 1FP
 Tel: (01865) 855085 Fax: (01865) 855075
 Website: www.oep.co.uk

DESCRIPTION	ISSUE	DATE	DRAWN	CHECKED	DRAWING NUMBER
1:1:1 microphone bridging transformer	1	07/04/09	CS		A187A11E
	2	07/06/10	CS		
	3	01/07/10	CS		
Scale: nts	All dimensions in mm unless stated otherwise				

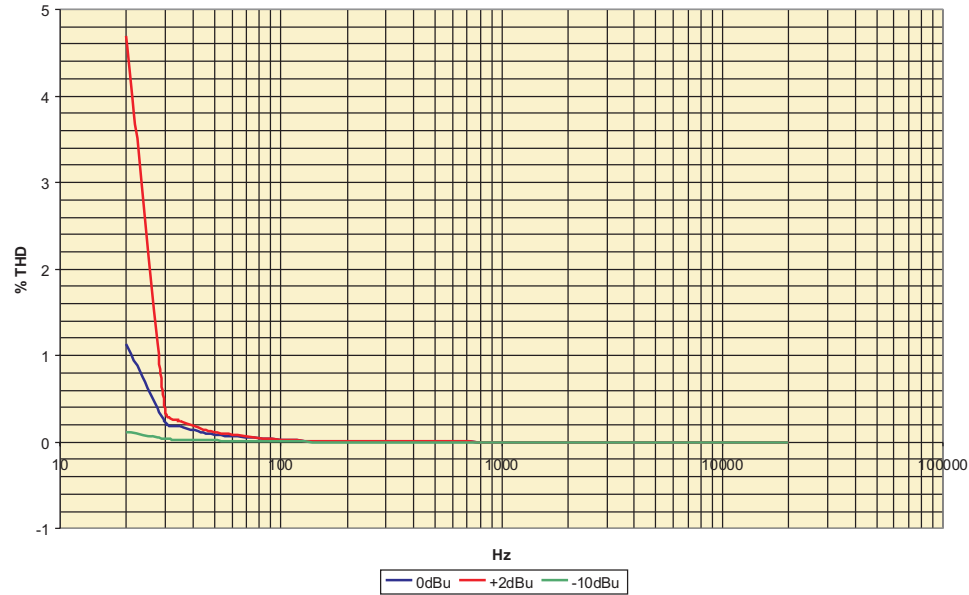
Insertion loss, source impedance 600R, level 0dBu, each secondary loaded with 1k



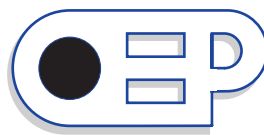
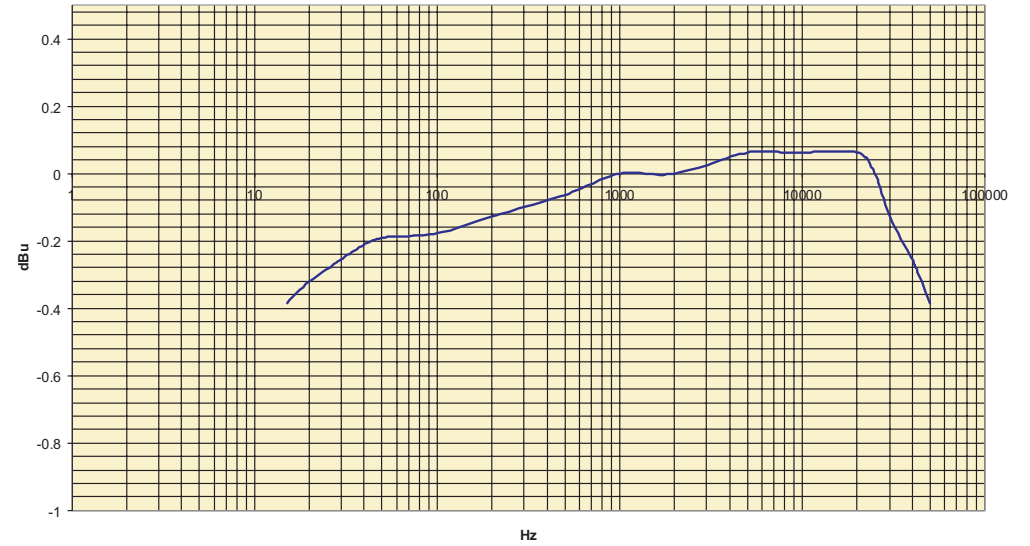
Distortion: source impedance: 600R each secondary loaded with 1k



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Frequency response, source impedance: 600r, level: 0dBu, each secondary loaded with 1k



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