

Pin view (underneath)

Mass = 0.045kg
 Pin diameter = 0.80mm
 Tolerance on can dimensions: +/- 0.3mm

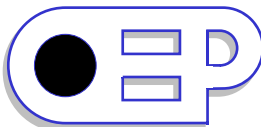
Electrical specification:

Ratio: 1+1 to 1+1
 Source impedance (windings in series): 600
 Frequency range @ 0dBm: 10Hz - 30kHz: 0.5dB
 THD @ 30Hz: >0.1% (0dBm)
 Common mode rejection ratio: >60dB @ 10kHz
 Primary DC resistance (connected in series): 36.4 +/- 15%
 Secondary DC resistance (connected in series): 44.4 +/- 15%
 Nominal inductance: 500mH @ 1kHz, 0.10V
 Leakage inductance (primaries in series) @ 1kHz, 0.1V: 1.9mH
 Interwinding capacitance (windings in series) @ 10kHz: 100pF

Operating temperature range: -20°C to +70°C
 Fitted with electrostatic screen and stray flux copper band
 Mu-metal screening can reduces electrical noise by up to 30dB

Applications:

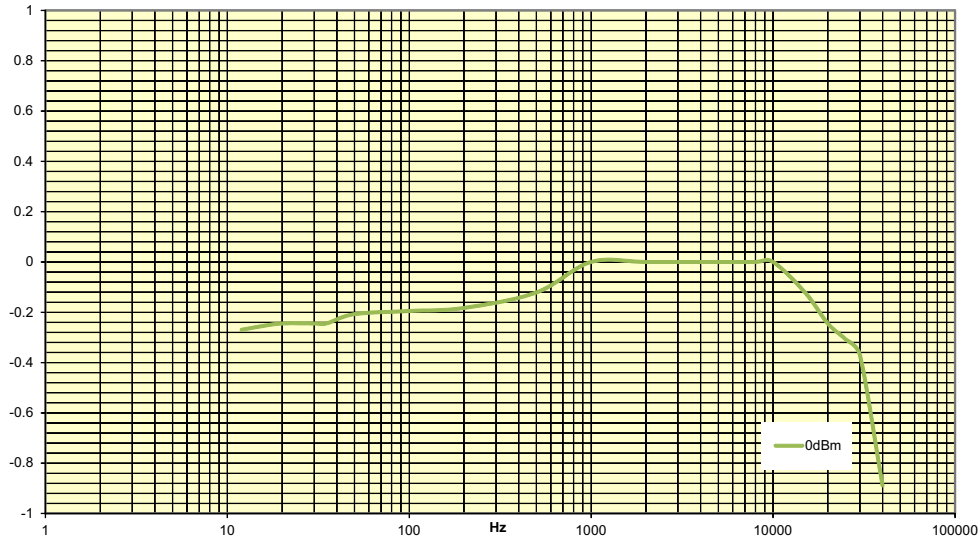
General purpose transformer for microphone or line input
 Provides galvanic isolation
 Phono stage input
 Ground loop isolation



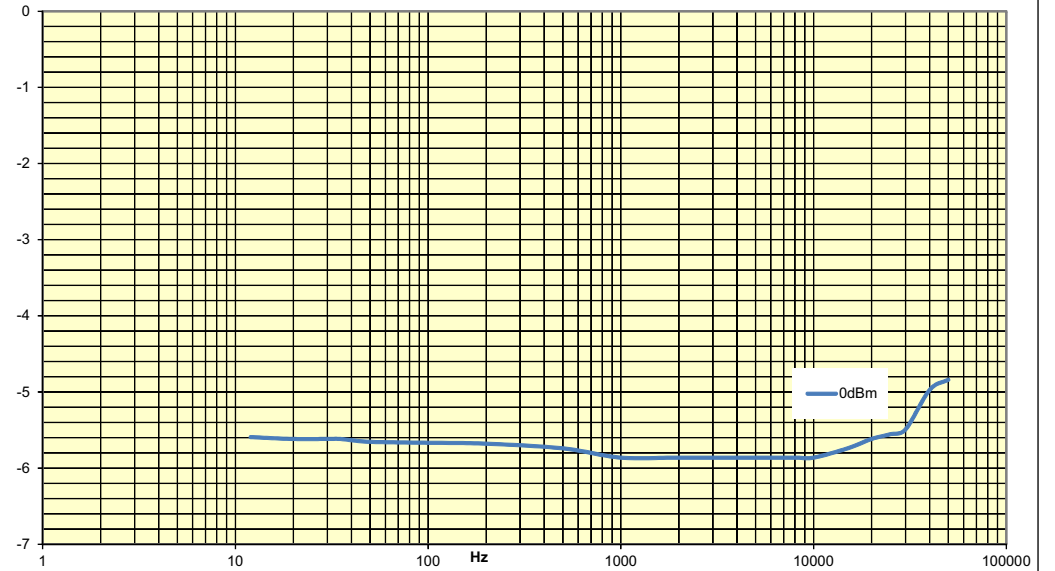
Unit 5, Oxonian Park, Langford Locks,
 Kidlington, Oxfordshire. OX5 1FP
 Tel: (01865) 855085 Fax: (01865) 855075
 Website: www.oep.co.uk

DESCRIPTION	ISSUE	DATE	DRAWN	CHECKED	DRAWING NUMBER
Specification for Z30A18C	1	10/06/10	CS		Z30A18C
	2	01/07/10	CS		
	3	19/12/14	CS		
Scale: nts	All dimensions in mm unless stated otherwise				

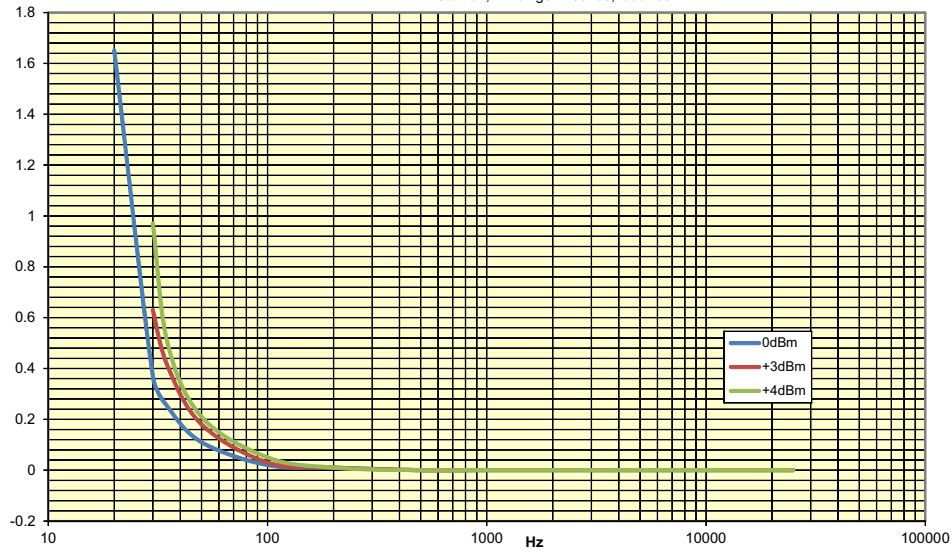
Frequency response, windings in series: load: 537R



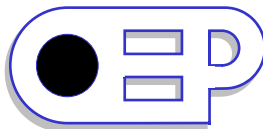
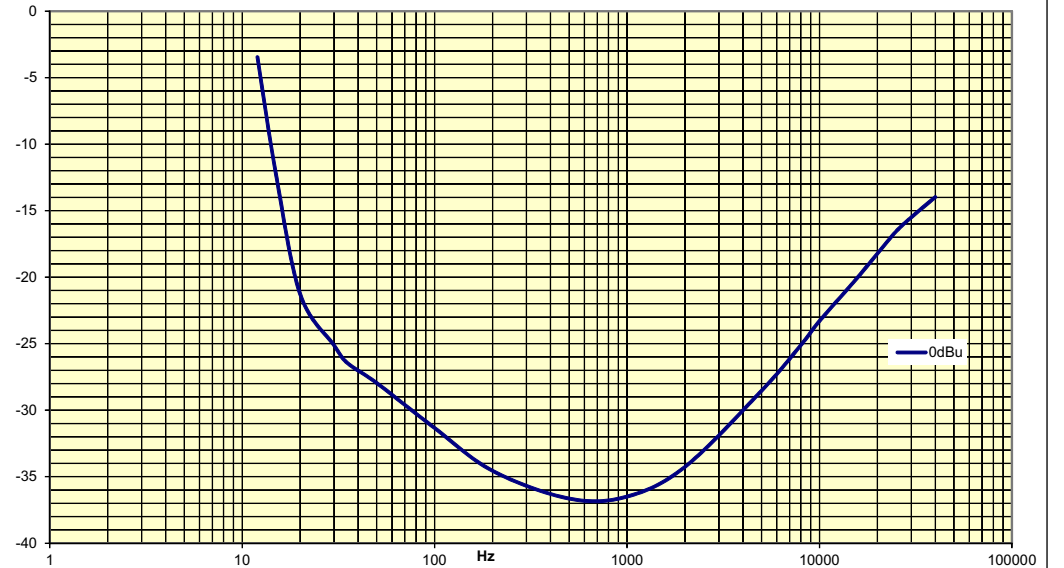
Insertion Loss: primaries in series, secondaries in series, load 537R



Distortion, windings in series, load: 537R

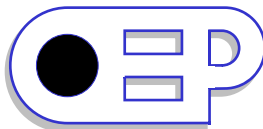
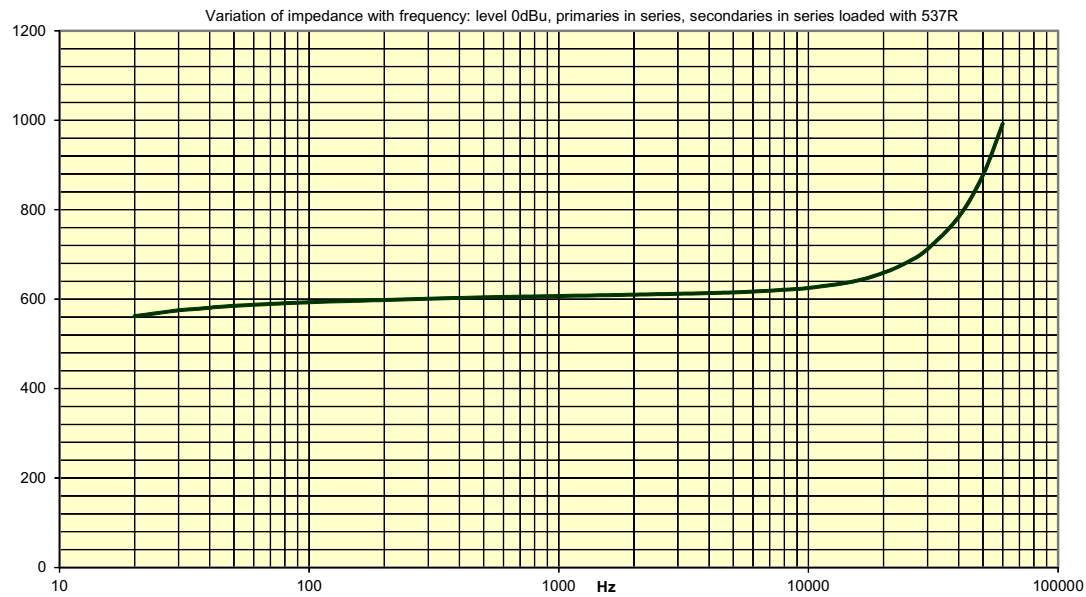
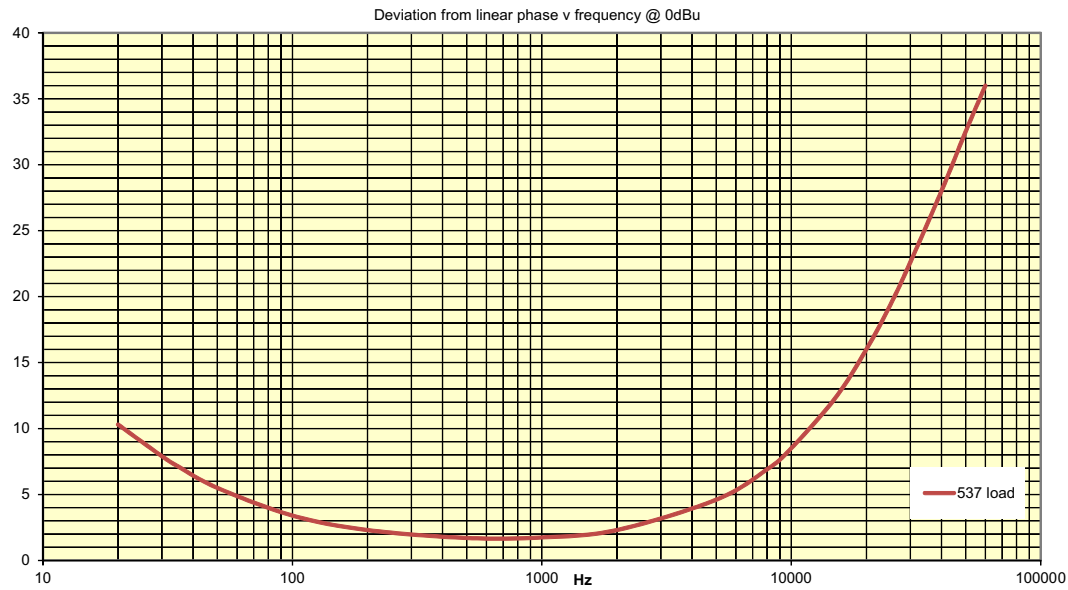


Return Loss, primaries in series, secondaries in series loaded with 537R



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