

Pin view (underneath)

Mass = 0.11kg
 Pin diameter = 0.80mm
 Tolerance on can dimensions: +/- 0.5mm

Electrical specification:

Ratio: 1 to 1:1:1
 Source impedance: 150

Voltage gain @ 1kHz, 0dBu: -2.55dBu
 Max input @ 20Hz (1% max. THD): +11.6dBu,

Primary DC resistance: 83 +/-15%
 Secondary DC resistance (per winding): 89 +/-15%

Leakage inductance (secondaries S/C) @ 1kHz, 0.1V: 1.3mH
 Interwinding capacitance (primary to secondaries) @ 20kHz: 140pF

Hi-Pot tests:

Primary to secondaries: 500VAC for 2 seconds
 Windings to screens/core: 250VAC for 2 seconds

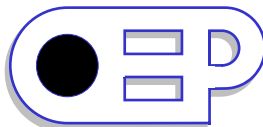
Fitted with multiple electrostatic screens
 Low distortion Mu-metal core
 Mu-metal screening can reduces electrical noise by up to 30dB

Applications:

Microphone splitting: 1k load per secondary
 Max. input signal +11.6dBu
 Construction: multi section winding for improved de-coupling
 Provides galvanic isolation

Ground loop isolation
 Mu-metal core for low distortion

Operating temperature range: 0 to +70°C
 Storage temperature range: -25°C to +120°C



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

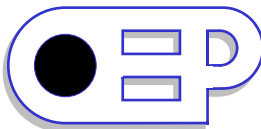
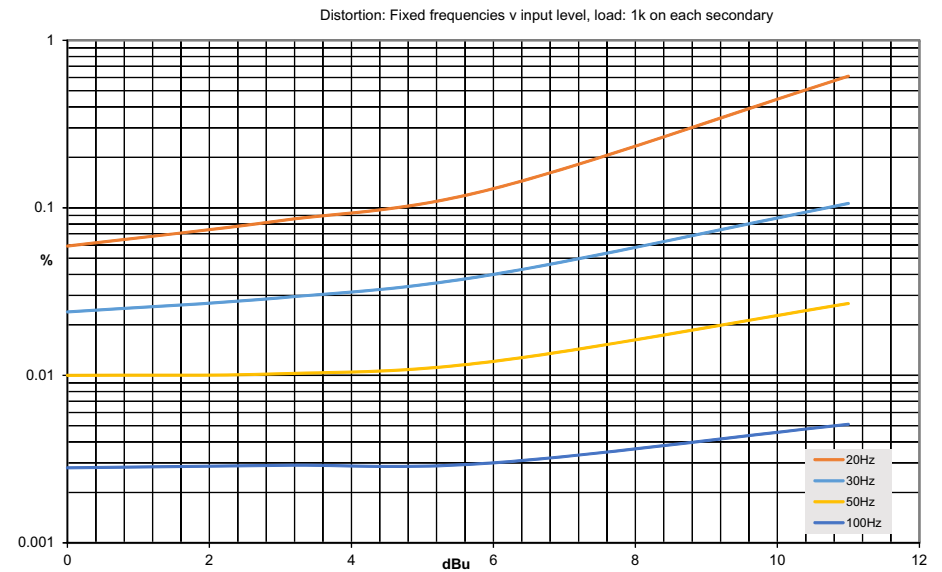
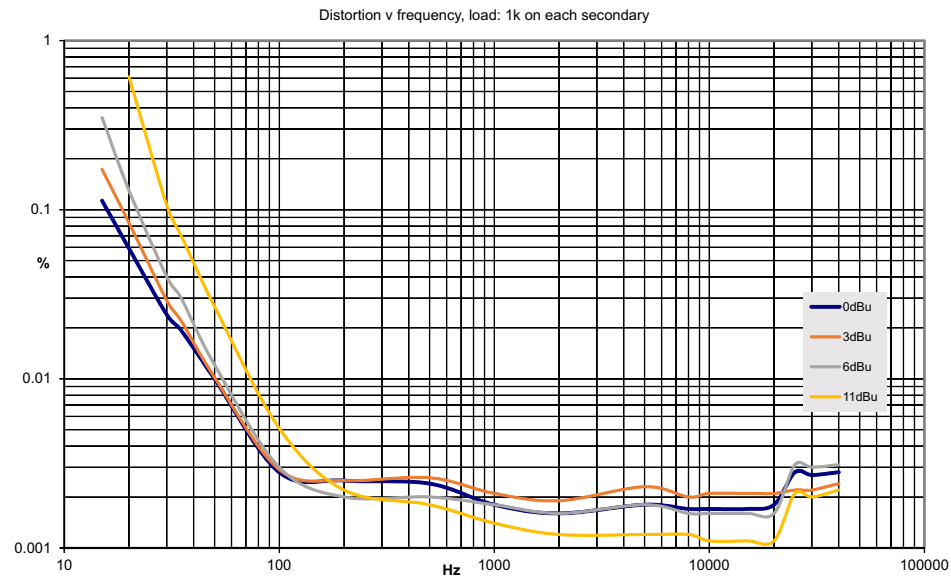
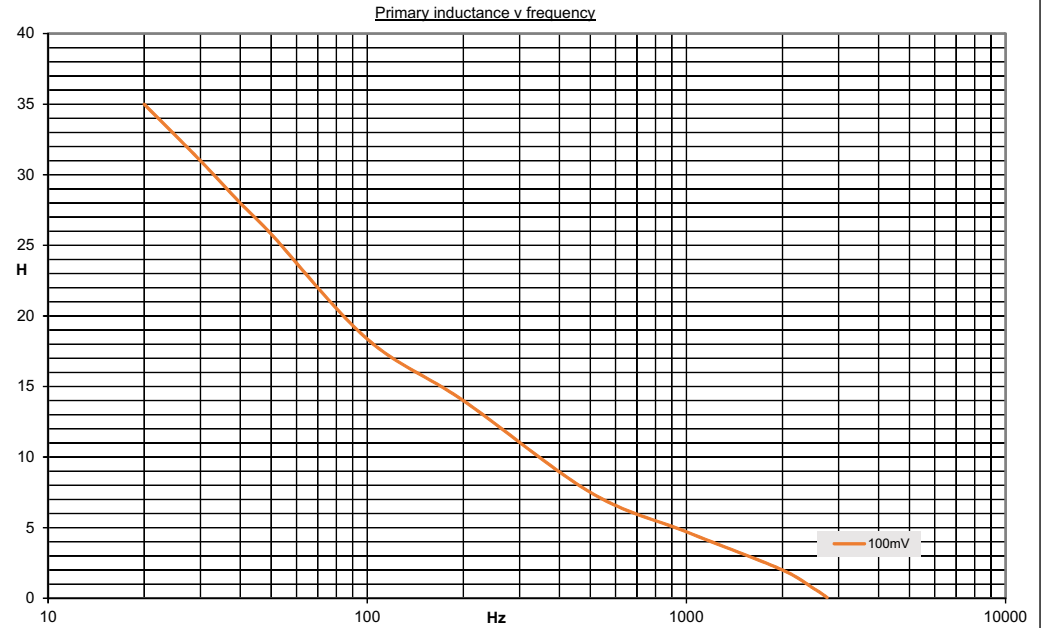
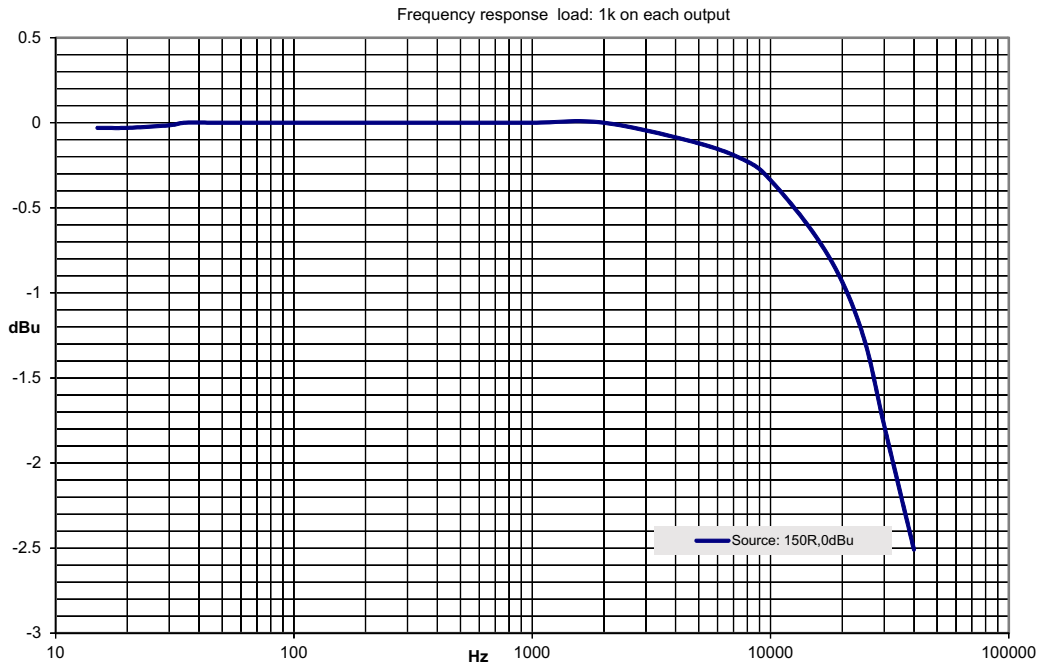


Scale: nts

DESCRIPTION
 Specification for J30A09C
 page 1 of 2

All dimensions in mm unless stated otherwise

ISSUE	DATE	DRAWN	CHECKED	DRAWING NUMBER
1	17/12/10	CS		J30A09C
3	12/08/13	CS		
4	02/02/15	CS		
5	11/01/24	CS		



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

DESCRIPTION	ISSUE	DATE	DRAWN	CHECKED	DRAWING NUMBER
Specification for J30A09C page 2 of 2	1	17/12/10	CS		J30A09C
	3	12/08/13	CS		
	4	02/02/15	CS		
	5	11/01/24	CS		
	Scale: nts	All dimensions in mm unless stated otherwise			