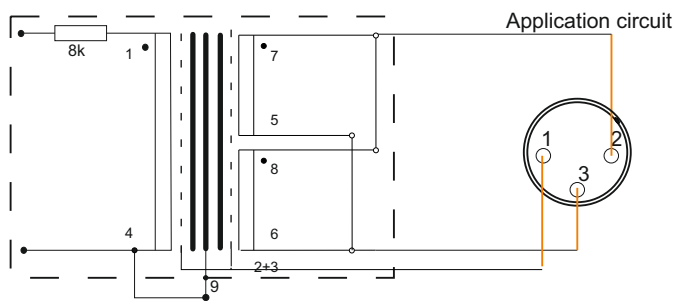
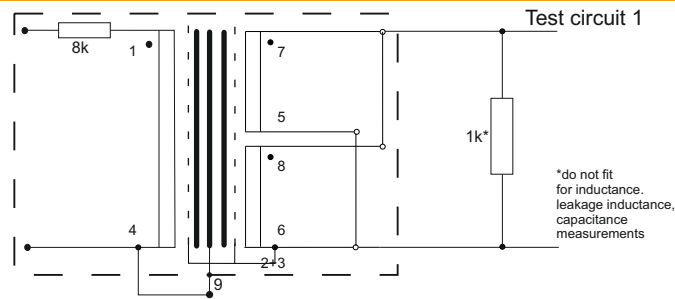
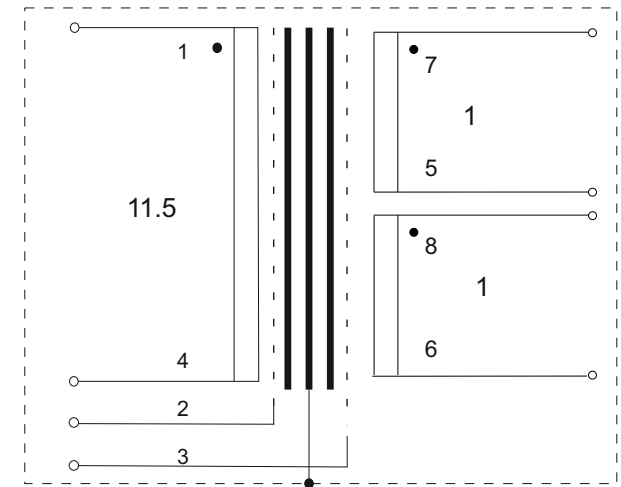
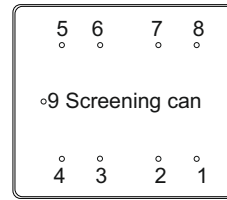


Mumetal screening can



Specifications:

Turns ratio: 11.5 to 1+1

DC resistance (Ω $\pm 15\%$):

(1 - 4): 3.3k

(5+6 - 7+8): 67

Input impedance: 140k Ω (1k load)

Output impedance: 150 Ω (8k load)

Maximum input level @ 20Hz with <1% distortion: +21.5dBu

Interwinding capacitance @ 10kHz:

(1,4) to (5,8): 90pF (typ.)

(1,4) to scr: 160pF (typ.)

(5,8) to scr: 190pF (typ.)

Leakage inductance (1 - 4) @ 1kHz: 150mH (typ.) (5, 6, 7, 8 S/C)

Voltage gain (@1kHz, 0dBu): -22dBu ± 0.2

Insertion loss: 0.7dB (typ.)

Proof voltage: winding to winding: 250Vrms

screens to windings: 250Vrms

Applications:

D.I. for electric guitar

Coupling instrument pickups to low impedance microphone inputs

Converts unbalanced line level (high impedance) instrument signals to balanced microphone input level for direct connection to a mixing desk.

Eliminates hum.

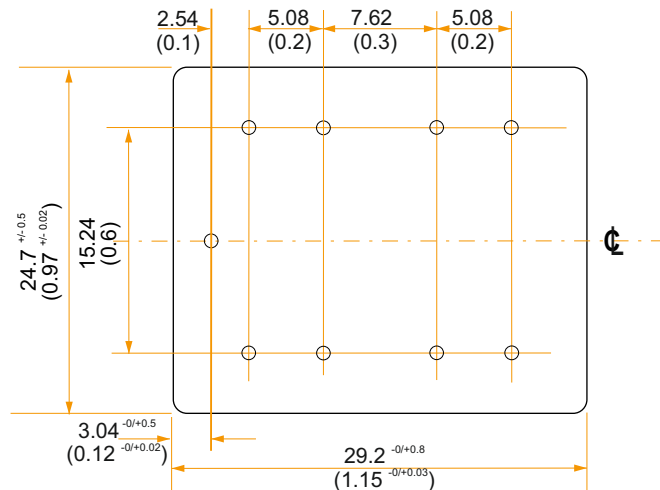
Long cable runs without HF loss

Connect pins 2, 3 & screening can to DI box ground

Features:

High nickel content core for low distortion

Electrostatic screens and mu-metal screening can for up to 30dB noise rejection



Tolerance on all dimensions in mm: ± 0.1 unless stated otherwise.

Inches shown in brackets.

Tolerance on dimensions in inches: ± 0.005 unless stated otherwise.

Pin diameter 0.7mm (0.0276)



VIGORTRONIX LTD
16 De Havilland Way
Windrush Park, Witney
Oxon, OX29 0YG, UK
Tel: +44 (0)1993 777570
Fax: +44 (0)1993 777580
www.vigortronix.com

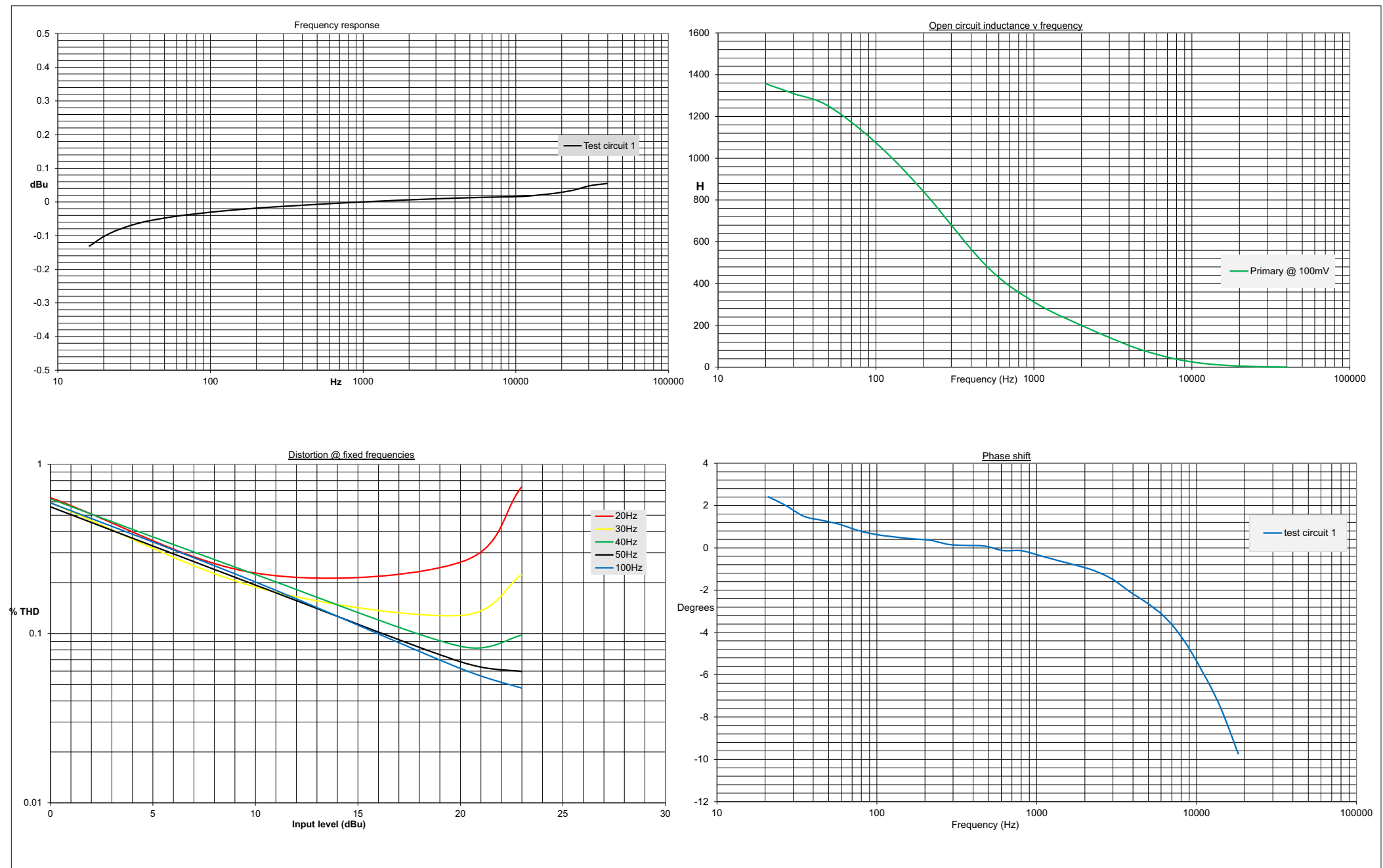
DESCRIPTION	ISSUE	DATE	DRAWN	CHECKED	DRAWING NUMBER
Direct Box (D.I.) transformer	1	06/10/25	CS		VTX-DB2
page 1 of 2					

Scale: nts

All dimensions in mm unless stated otherwise

Operating temperature range: 0 to +70°C

Storage temperature range: -25°C to +120°C



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DESCRIPTION		ISSUE	DATE	DRAWN	CHECKED	DRAWING NUMBER
Direct Box (D.I.) transformer page 2 of 2		1	06/10/25	CS		VTX-DB2
Scale: nts		All dimensions in mm unless stated otherwise				