

ROI

ROI ISOLATED VOLTAGE AMPLIFIERS

The ROI-ISOV10 is a simple to use isolated signal conditioner. Input and output sections powered by separate supplies, galvanic isolation accomplished via capacitive barrier.

- PLUGGABLE EURO ELECTRICAL CONNECTORS
- SNAP ON MOUNTING BASE FOR DIN RAIL OR SURFACE MOUNTING
- USED IN LOOP ISOLATION
- GROUND LOOP ELIMINATION
- SIGNAL ISOLATION

General purpose 10V bipolar +/-15V powered 2 way isolation amplifier



WWW.ROI-AMPLIFIER.COM
PO Box 227, Albertson, NY 11507

ROI

ROI ISOLATED VOLTAGE AMPLIFIERS

Specifications:

- Isolation level: 1.5Kv
method: 500KHz modulation passed over a dual (differential) 1pF barrier
- Input range: +/-10V
- Input Resistance: 200K ohm
- Output range: +/-10V
ripple: 20mVp-p 500KHz
- Gain: 1
error: +/- 0.05%FSR typical, +/-0.5%max
nonlinearity: +/-0.005%FSR typical. +/-0.01%max
- Frequency response: DC to 50KHz
- Supplies: Dual +/-0.5 to 18Vdc
5mA typ. 7mA max for input side
5.5mA typ. 7mA max for output side
- Connections: 2, input & output
negative-power/ground/signal/positive-power,
plug in top entry connectors,
screw clamp stripped wire connection
30-12awg wire
- Mounting: 35mm DIN Rail or Surface mountable snap on base,
allows side by side install of multiple units
- Dimensions: 4.510 X 1.258 X 3.948" (height above rail) lwh
Mated connector adds additional 3/8" to height

HOW TO ORDER

Part Number	Range
ROI-ISOV10	10V input

WWW.ROI-AMPLIFIER.COM

PO Box 227, Albertson, NY 11507

Page 2

042106ISOV10