

DIFFERENTIAL MODULE

FOR OSCILLOSCOPES



FEATURES

DM 2400 is a differential module designed to be used along with instruments like Oscilloscopes (analog / digital) and Recorders for making safe and reliable measurements of high voltage floating signals. If neither side of a voltage source is at ground potential, an ordinary single ended oscilloscope can not be used. This is ideally suited for making measurements in the fields like AC mains circuits, motor drives, DC converters, power supplies, balanced line communication and industrial controls etc.

SPECIFICATIONS:

Number of channels	: 2
Maximum input for distortion free output	: 50V in X20 mode, 500V in X400 mode
Input impedance	: 1M Ω from each input to ground
Input sensitivity	: X20 & X400
Accuracy	: $\pm 3\%$
Safe input voltage	: ± 500 VDC or peak AC from each input to ground
CMRR	: 60dB min at 50Hz
Output impedance	: 470 Ω
Bandwidth	: -3dB bandwidth more than 1MHz

Goldwings, Office No 8, Behind Aditya Nakoda Building, Ganeshmala, Sinhagad Road, Pune 411030
Ph.No/Fax 24254270 ; 9822843270 E-Mail :pravin_gundewar@yahoo.com / hitechelectronicspune30@gmail.com
Website : www.hitechelectronicspune.com

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