



5748

RACK-MOUNT

BREAK-OUT

BOX FOR

ProDAQ 3424



- 1U 19" Rack-mount Break-out Box for ProDAQ 3424 ADC
- Supports two ProDAQ 3424 24-bit ADCs per Box
- 8 Channel Isolated BNC Connector Input per ProDAQ 3424
- Two 50-pin SCSI for Function Card connection
- Front-panel LED Indicators for ICP Mode

POWER

The ProDAQ 5748 is a 1U height rack-mountable break-out box for standard 19" racks. Up to two ProDAQ 3424 24-bit Sigma-Delta ADCs can be connected to the unit. For each connected ADC, the unit provides 8 channels of standard BNC connectors, configured as isolated pseudo-differential inputs. The ProDAQ 3424 ADCs are connected via two standard 50-pin SCSI connectors on the back of the break-out box.

Each channel is equipped with a LED indicator for ICP mode. This indicator is directly controlled by the ProDAQ 3424 Function Card. The power for the indicators and logic are provided to the ProDAQ 5748 via a plug-in power adaptor.



Number of BNC inputs	2 x 8
BNC Input Configuration	Pseudo-differential (Core: +Sig, Shield: -Sig)
Function Card Connection	2 x 50-pin female SCSI connector
Power Consumption	9-12V, 200mA
Height	1U
Dimensions	482.6mm x 43.7mm x 100mm (W x H X D)
Weight	TBD

Ordering Information

5748-AA 2 x 8-Channel Break-out Box
for ProDAQ 3424

Related Products:

3120-AA Standard Motherboard
3150-AA High-Performance Motherboard
3424-xx 8-Ch. 24-bit Sigma-Delta ADC
8010-Ax SCSI Connector Cables

This datasheet is copyright of Bustec Production Ltd. All trademarks and registrations are acknowledged. The technical information herein is subject to change without notice.

Bustec Production Ltd.
World Aviation Park
Shannon, Co. Clare
Rep. of Ireland
t +353 61 707 100
f +353 61 707 106
e sales@bustec.ie
w www.bustec.ie

Bustec, Inc.
17820 Englewood Dr.
Middleburg Hts.
OH 44130, U.S.A.
t +1 440 826 4156
f +1 440 826 4184
e sales@bustec.com
w www.bustec.com



Visit our WEB pages at www.bustec.com !