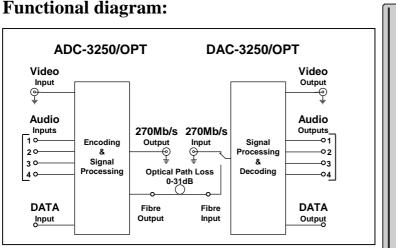
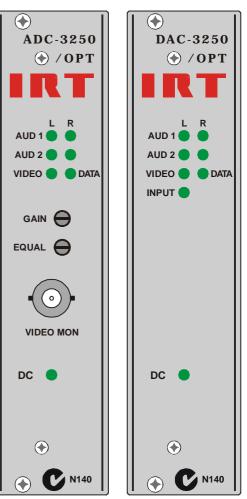


Analogue Video & Audio to 270 Mb/s Network Interface Adapters ADC-3250/OPT & DAC-3250/OPT



Features:

- 1 analogue video, 4 audio and 1 data channel to 270 Mb/s digital stream suitable for transmission over 270 Mb/s systems, such as digital fibre systems, routers, etc.
- Plug-in Fibre Optic Link boards included.



General:

The ADC-3250/OPT and DAC-3250/OPT form an encoder / decoder pair for converting an analogue video, up to 4 channels of audio and an RS-232 data port to a 270 Mb/s digital signal suitable for transport over ASI/SDI paths.

This allows analogue signals to be passed through purely digital environments such as digital optical links and digital routers and switchers thus simplifying installations that are predominantly digital where some analogue signals still exist.

When used with IRT's fibre mux/demux system, both analogue and digital signals can be sent over the same link.

The ADC-3250/OPT encodes the analogue input signals to a 270 Mb/s digital stream. The inputs can either be a single video, up to 4 channels of audio or a combination of video and audio. There is also an RS-232 data input port, which can be used concurrently with the video and audio or by itself.

The DAC-3250/OPT decodes the 270 Mb/s digital stream to recover the original signals.

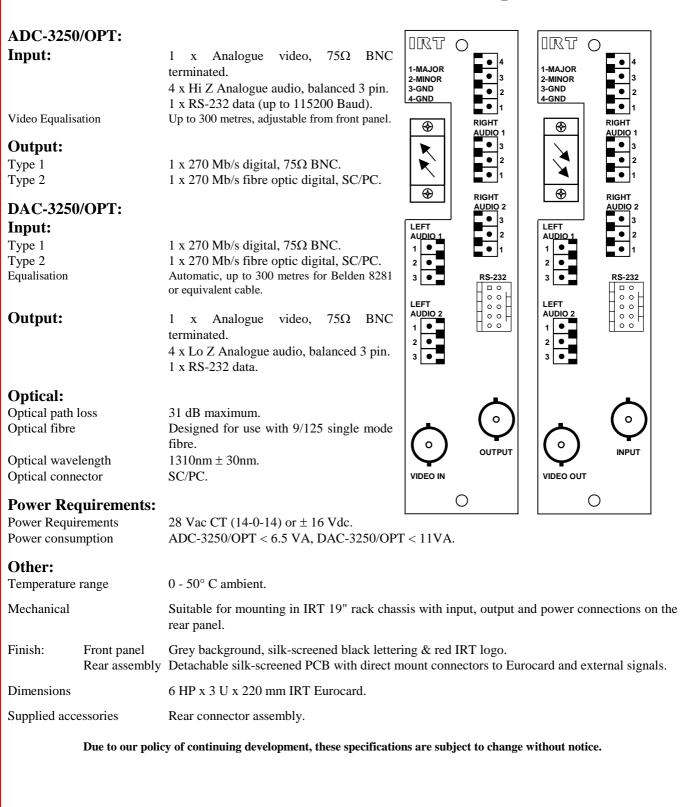
Front panel LED indicators on both units indicate the presence of the analogue and data input signals. The ADC-3250/OPT allows cable equalisation of various lengths by a front panel control. A front panel monitor output aids in setting this correctly.

Plug-in fibre optic boards are included on both the ADC-3250/OPT and DAC-3250/OPT for direct connection to a single mode fibre.

The 270 Mb/s digital signal is of the same data rate as ASI and SDI signals hence its ability to be sent over ASI/SDI paths. Although similar in structure to both ASI and SDI it is neither of these types of signals. Hence the ADC-3250/OPT and DAC-3250/OPT are designed to act as an encoder / decoder pair.

Both the ADC-3250/OPT and DAC-3250/OPT are manufactured on extended Eurocard boards and are suitable for mounting in IRT's 1RU and 3RU Eurocard frames with other analogue or digital modules.

ADC-3250/OPT & DAC-3250/OPT Technical Specifications



Detailed specifications available from:

Local Agent:

Manufacturer: IRT Electronics Pty Ltd

26 Hotham Parade ARTARMON N.S.W. 2064 AUSTRALIA Phone: +61 2 9439 3744 Fax: +61 2 9439 7439 Email: sales@irtelectronics.com IRT can be found on the Internet at: http://www.irtelectronics.com