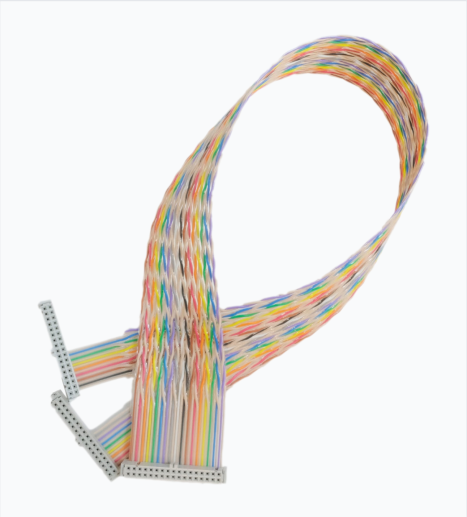
A953

Cable assembly 2.54mm 34 pin female to two 2.54mm 34 pin female – 50 cm

The A953 is a 50 cm splitter cable that divides the LVDS I/O connector of a CAEN board into two independent outputs.



It takes the 32 signal pins of a single 34-pin, 2.54 mm pitch female header and routes them to two connectors of the same type, 16 signals each. Each output connector is therefore only partially populated, carrying its own half of the I/O lines.

This makes it easy to send different groups of LVDS signals to two separate destinations, such as two modules or two parts of the acquisition chain, without custom wiring.

Compatibility

Designed for CAEN boards equipped with the LVDS I/O connector:

- VME Digitizer Series 1 (V1720, V1724, V1725/V1725S, V1730/V1730S, V1751, V1761)
- V1782 Octal Digital MCA
- V1741 64-channel Peak Sensing ADC

Product Highlights

- Splits one 34-pin LVDS I/O header into two 34-pin connectors
- 32 signal pins routed, 16 per output connector
- Same 2.54 mm header type on input and outputs, no adapters needed
- 50 cm length
- RoHS compliant

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Technical Specifications

Function	1-to-2 signal splitter
Input connector	1 × 34-pin female header, 2.54 mm pitch
Output connectors	2 × 34-pin female header, 2.54 mm pitch
Signals routed	32 pins total (16 per output)
Cable length	50 cm

Ordering Information

ORDERING CODE	DESCRIPTION
WA953XAAAAAA	A953 – Cable assembly 2.54mm 34 pin female to two 2.54mm 34 pin female – 50 cm 16pin each used only

Related Products

V1720 — 8 Input Channel 12bit 250 MS/s Digitizer

V1724 — 8 Input Channel 14 bit 100 MS/s Digitizer

V1725 / V1725S — 16/8 Input Channel 14-bit 250 MS/s Digitizer

V1730 / V1730S — 16/8 Channel 14 bit 500 MS/s Digitizer

V1741 — 64 Ch Peak Sensing ADC

V1742 — 32+2 Channel 12bit 5 GS/s Switched Capacitor Digitizer

V1743 — 16 Input Channel 12bit 3.2 GS/s Switched Capacitor Digitizer

V1751 — 4/8 Input Channel 10 bit 2/1 GS/s Digitizer

V1761 — 2 Input Channel 10 bit 4GS/s Digitizer

V1782 — Octal Digital Multi Channel Analyzer

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