

16 signal channel direct mounted cable converter from 34 pin flat header connector to 16 coaxial connectors. Coax connectors (Lemo, BNC, ... with both genders) and cable lengths are selectable. It is electrically equivalent to the NIM mountable adapter MHL-32.
(Attention: this is **not an ECL-NIM-ECL** converter, but a passive connector adapter)

Interfaces to mesytec header connectors with unipolar input / output signals.

mesytec NIM modules

- MSCF-16, STM-16 shaper outputs
- MSCF-16, STM-16 inputs (unipolar jumpers recommended for minimum crosstalk)
- MCFD-16 analog outputs (jumped unipolar)
- MPD-4 amplitude / TAC - output, rear side
- MPD-8 amplitude / PSD - output, front panel
- MPRS-16 output

mesytec VME modules

- MADC-32 inputs
- MQDC-32, analog inputs (jumped unipolar)
- MTDC-32 inputs (jumped unipolar, accepting TTL, NIM...)

several third party modules

(**Not suited** for: all differential outputs, all ECL outputs, all ECL inputs.)

For MPR-16 with unipolar header output, the adapter MAD-34-16_**P** is provided as for the preamp the signal ground pairs are exchanged by convention.



Following different connectors are available:

MAD-34_16 SM:	Lemo 00 series male
MAD-34_16 SF:	Lemo 00 series female
MAD-34_16 SM BNC:	BNC male
MAD-34_16 SF BNC:	BNC female

Electrical layout:

Pin 1, 3, ..., 31: signal (16x)
Pin 2, 4, ..., 32, 33, 34: gnd (18x)