

# SCSI (Small Computer System Interface)

External Adapters, Terminators and Cables Assemblies

## SCSI-1

First Standard approved in 1986, supporting up to 7 devices over a single chain and transfer rates up to 5 Mbps on an 8-bit bus (plus the controller card).

The most usual connector type is the CX50 (50 pin) for external use, similar (but larger) to the 25 pin Centronics used for old parallel printers.

## SCSI-2

Wide SCSI appeared in 1994, supporting busses of 16 and 32 bit with a transfer rate of up to 10 Mbps (could be pushed up to 40 Mbps with the right conditions). Usually with external clip-on or screw-type connector HD50 (50 pin), known also as Mini-50, Micro-50, or Micro DB50.

## SCSI-3

In high-end computer systems the 68-pin HD68 connector was used, with transfer rates of up to 20 Mbps. Usually with external screw-type or clip-on connector HD68.

## LVD SCSI

Last of the SCSI series is the LVD, which supporting transfer rates of up to 160 Mbps under optimal conditions.

**External connectors used as interface** (may be more different types):

**DB25** (25-pin Mac-SCSI, approximate 39mm wide)

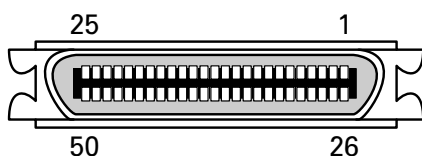
**CN50** (Centronics 50-pin SCSI-1, spring holder, approximate 65mm wide)

**HPDB50** (50-pin SCSI-2, approximate 35mm wide, clip-type or screw-type)

**HPDB68** (68-pin SCSI-3, approximate 45mm wide, clip-type or screw-type)

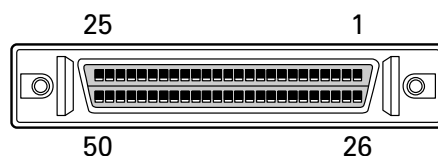
**VHDCI68** (68-pin SCSI-5, sometimes called SCSI-4, approximate 32mm wide)

## External Connectors (Examples only)



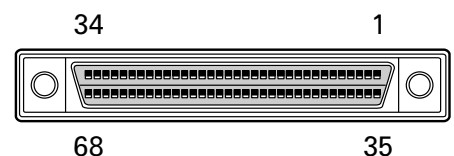
**CX50M (SCSI-1)**

Centronics CN50  
(50 Pin Male)



**HD50F (SCSI-2)**

High Density HPDB50  
(50 Pin Female, Clip Type)



**HD68F (SCSI-3)**

High Density HPDB68  
(68 Pin Female, Screw Type)