



BLACK BOX[®]

NETWORK SERVICES

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ULTRA2 LVD SCSI CABLES AND TERMINATORS

External Ultra2 LVD SCSI Cables

Constructed of double-shielded twisted pair, these cables transfer data at up to 80 MB per second across the entire SCSI bus.

The External Ultra2 LVD SCSI Cables are fully compatible with older SCSI devices, including Ultra-Wide single-ended SCSI devices. And they can increase your SCSI bus length to up to 12 metres!

Ultra2 LVD SCSI Terminators

Select either internal or external models that support termination for both LVD and/or single-ended SCSI buses. All models support the 80-MB-per second LVD specification.

Connect the internal terminator directly on the internal flat ribbon cable assembly.

The external terminators feature an LED that identifies the bus being terminated for LVD or single-ended devices. And to ensure secure VHDCI and Micro D68 connections, thumbscrew connections are provided.

Internal Ultra2 LVD SCSI Cables

Use the Internal Ultra2 LVD SCSI Cables for internal single-ended or differential SCSI applications requiring twisted pairs.

These cables feature flat sections and loose, unbonded twisted pairs that are perfect for connecting multiple internal devices. And they terminate to industry-standard 0.025" IDC connectors.

Specifications for EVMSCC20-EVMSCC22

Conductors — 30 AWG 7/38 strand, tinned copper

Insulation — 0.006" PVC

Color Code — First pair red/gray followed by blue/gray and repeat

Laminate — Polyester

Temperature Rating — 80°C

Impedance — 110 ohms

Capacitance — 13 pF/ft.

Propagation Delay — 1.5 ns/ft.

Voltage Rating — 150 volts

Current Rating — 0.75 amp

DC Resistance — 106 ohm/1000 ft.

Attenuation — 5 MHz: 4 dB/100 ft.;
10 MHz: 5 dB/100 ft.

Ordering Information

ITEM	CODE
External Ultra2 LVD SCSI Cables	
MD68 to MD68	
0.9-m (3-ft.)	EVMS25-0003
1.8-m (6-ft.)	EVMS25-0006
VHDCI to MD68	
0.9-m (3-ft.)	EVMS26-0003
1.8-m (6-ft.)	EVMS26-0006
Ultra2 LVD SCSI Terminators, Single-Ended	
External Micro D68 Terminator with LED	FA970
External VHDCI Terminator with LED	FA971
Internal Micro D68.....	FA972
Internal Terminator Micro D68 for Flat Ribbon	FA973
Internal Ultra2 LVD SCSI Cable	
Flat Twisted Wire, Micro D68 Male Connectors	
76.2 cm (30"), 2 Connectors.....	EVMSCC20
152.4 cm (60"), 5 Connectors	EVMSCC21
203.2 cm (80"), 7 Connectors	EVMSCC22