

**HP ProLiant ML350 Generation 3
Cabling Matrix**

Integrated Dual Channel Wide Ultra3 SCS Adapter
Smart Array 530X Series Controllers
Smart Array 5312 Series Controllers
Smart Array 532 Controller
Smart Array 641 Controller
Smart Array 642 Controller
64-Bit/133-MHz Controller
64-Bit/66-MHz Dual Channel Ultra320 SCSI Adapter
64-Bit/66-MHz Single Channel Wide Ultra3 SCSI Adapter
64-Bit/66-MHz Dual Channel Wide Ultra3 SCSI Adapter
Smart Array 5302/FC Fibre Channel Host Adapter
64-Bit/33-MHz PCI Fibre Channel Host Adapter
RAID LC2 Controller
Smart Array 640X Series Controllers

Internal Cabling												
Ultra320 Hot-Plug Hard Drives	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DAT and AIT Hot-Plug Tape Drives	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DAT, AIT, DLT, DLT VS, SDLT, and LTO Tape Drives	✓							✓	✓	✓		
External Cabling, Primary Storage												
StorageWorks Enclosure 4x00 Family	▲	✓	✓	✓			✓	✓	✓	✓		✓
Modular Smart Array 500				✓								
Modular Smart Array 30	▲	✓	✓	✓			✓	✓	✓	✓		✓
External Cabling, Tape and Optical Storage												
DAT, AIT, DLT, DLT VS, SDLT, and LTO Tape Drives	▲						✓	✓	✓			
3U Rackmount Tape Drives (DAT, AIT, DLT, DLT VS, SDLT, LTO)	2▲						1	2	1			
5U Rackmount Tape Drives (DLT, SDLT, and LTO)	▲						✓	✓	✓			
External Cabling, Autoloaders												
DAT and AIT Autoloaders	▲						1	1	1			
1/8 Autoloader	1▲						1	1	1			
SSL1016 Autoloader*	4▲						4	4	4			
External Cabling, Tape Libraries												
SSL2020 AIT Library							1	1	1			
MSL50XX, MSL60XX Libraries							4	4	4	Π	Π	Π
External Cabling, Fibre Channel Storage												
RAID Array 4x00										★	★	
Modular Smart Array 1000												3

Key	
✓	Cable(s) included with server
▲	Order option kit 159547-B22 - Internal to external HD68 SCSI cable.
	Not Supported
1	Order one of the following VHDCI-HD68 cables: 341177-B21—12' VHDCI-HD68 cable 341176-B21—6' VHDCI-HD68 cable 201160-B21—10m VHDCI-HD68 cable
1▲	Order option kit 333370-B21. Also refer to the information for "1" in this key.
2	Order 5-m HD68-HD68 cable, part number 328215-001
2▲	Order option kit 159547-B22. Also refer to the information for "2" in this key.
3	Order one of the following Option Kits: 234457-B21—2m Fibre Channel Short Wave cable 234457-B23—15m Fibre Channel Short Wave cable When using a hub or switch, additional fibre channel cables may be required. Refer to the device-specific user documentation for more information on cabling with hubs and switches.
4	Order one of the following VHDCI-VHDCI cables: 341175-B21—12' VHDCI-VHDCI cable 341174-B21—6' VHDCI-VHDCI cable
4▲	Order option kit 333370-B21. Also refer to the information for "4" in this key.
★	When using a hub or switch, additional fibre channel cables may be required. Refer to the device-specific user documentation for more information on cabling with hubs and switches
Π	Modular Data Router, with hub or switch, is necessary to connect this option. Refer to the device-specific user documentation for more information on cabling with Modular Data Routers, hubs, and switches.

Internal Cable Part Numbers			
Cable Part Numbers (printed on cable)	Cable Type	Quantity	Spare Kit Number
302377-001	Internal SCSI Pt. to Pt. cable	1	292232-001
296016-008	Internal SCSI 2-device cable	1	163353-001

Internal-to-External Cable Part Numbers	
Cable Part Numbers (printed on cable)	Cable Type
159547-B22	Internal to External HD68 SCSI Cable
333370-B21	Internal to External VHDCI SCSI Cable

* The Superloader 1280is rebranded as the SSL1016, and now available with LTO Ultrium 460, SDLT 320 and DLT1 drives

Definitions
HD68 —High density 68 pin SCSI cable connector
VHDCI —Very high density cable interconnect 68 pin SCSI cable Connector
Pt. to pt. —No termination on SCSI cable
LVD —Low voltage differential supporting Wide Ultra2 transfer rates

NOTE: The information in this matrix lists whether or not additional cables need to be purchased with each controller-to-option configuration. For information on how to cable an option, refer to the *HP ProLiant ML350 Generation 3 Setup and Installation Guide*, the device-specific documentation, and the controller-specific documentation. For information on the specific options supported by the server, refer to the server and device QuickSpecs.