



Gen.3/4 NVMe SSD Cable Solution



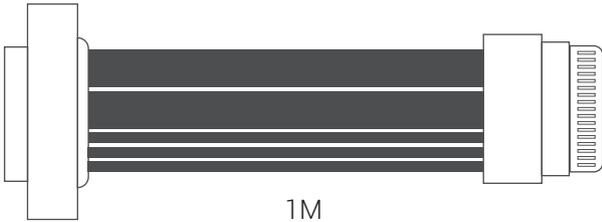
Product Description | U.2 / PCIe X4 / M.2 Connector Extension and Adapter Applications

Ultra-Thin
1.25mm

High Speed
Supports PCIe Gen.3 (8Gbps), upgrade-able to Gen.4 (16Gbps)

Flexible & Power Ready
180° bendable, stable impedance, supports 3.3V / 12V input

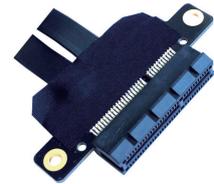
HALOGEN
FREE



1M



U.3_8639 68F Mold



PCIe X464M+SATA PWR



SFF-8654 SlimLine 38M



M.2 75F 2210 type



M.2 75F Vertical type



M.2 75M 2260 type



PCIe 64M X4



U.3 SFF-8639 68M



SFF-8611 Oculink 42M passive



SFF-8643 miniSAS HD 36M

Specifications

Item	Description
Transmission	PCIe Gen.3 (8 Gbps), upgradeable to Gen.4 (16 Gbps)
Connector Type	U.2 (SFF-8639 68F) / M.2 (75F & Vertical) / PCIe X4 (64F)
Cable Thickness	1.25 mm ultra-thin flat cable
Cable Length	Up to 1 meter
Bendability	180° bendable with stable signal integrity
Power Support	Supports 3.3V / 12V input
Chip Requirement	No repeater / equalizer required
Origin & Patent	Made in Taiwan, patented in multiple countries



Applications

1. Suitable for NVMe 1.3 / 1.4 SSD extension and interface conversion
2. Ideal for signal routing between motherboards and storage modules
3. Supports U.2 / M.2 / PCIe SSD expansion and high-speed deployment

Connector Type Reference

Model No.	Interface	Remarks
5G75A01 Series	M.2 75F	Standard M.2 extension
5G75D13 Series	M.2 Vertical → 75M (2260 Type)	Vertical extension board
5G75A05 Series	M.2 75F → PCIe X4 64M	Converts to PCIe X4 motherboard port
5G68A03 Series	U.2 68F	U.2 interface extension
5G64A02 Series	PCIe X4 64F	PCIe X4 extension
5G68A10 Series	U.2 68F → U.2 68MU	Reverse-use U.2 module
5G75A07 Series	M.2 75F → miniSAS HD	Integrated miniSAS HD transmission
5G64D11 Series	PCIe X4 Dual-row	Dual-row PCIe connector
5G75D17 Series	M.2 Vertical → U.2 68F	Vertical M.2 to U.2 conversion
5G68A01 Series	U.2 68F → SlimLine / Oculink	For high-speed host connection



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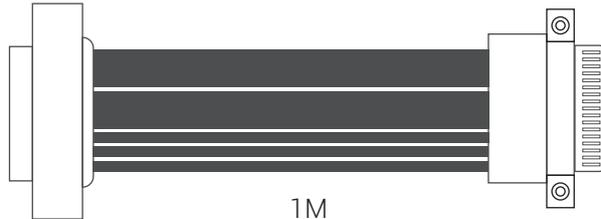


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U.3 SFF-8639 68M
U.3 SFF-8639 68M MOLD



PCIe 64M X4



M.2 75M 2260 type



U.2 / U.3 SFF-8639F+SATA PWR



8643 36F to U.26 68 adapter



8643 36F+SATA 7F to U.2 68F

Specifications

Item	Description
Transmission	PCIe Gen.3 (8 Gbps), future-ready for Gen.4 (16 Gbps)
Supported Interfaces	U.2 (SFF-8639), PCIe X4 (64M), M.2 (75M / 2260 Type)
Cable Thickness	1.25 mm halogen-free flat cable
Max Cable Length	Up to 1 meter
Bendability	180° bendable with stable signal integrity
Power Support	Supports 3.3V / 12V input
Chip Requirement	No repeater or equalizer chip required
Origin & Patents	Made in Taiwan, patented in multiple countries

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Applications

1. NVMe 1.3 / 1.4 SSD extension & connector adaptation
2. Compatible with U.2, M.2, and PCIe X4 interface devices
3. Suitable for use in servers, data centers, and high-performance computing
4. No signal boosting chip required, ideal for compact builds

Connector Type Reference

Model No.	Connector / Interface	Notes
5G75D14 Series	U.2 68M to M.2 75M 2260 type	Molded connector
5G68D14 Series	PCIe 64M to M.2 75M 2260 type	Direct to PCIe
5G75A03 Series	M.2 75M (2260 Type) to M.2 75M 2260 type	Compact M.2 extension
5G68D15 Series	U.2 68M to PCIe 64M	Alternate version
5G64D15 Series	PCIe 64M to PCIe 64M	Direct extension
5G68A07	U.2 8639 68M*2	Host extension
5G68A04	U.2 8639 68F × 2	Dual U.2 output
5R68A01	8643 36F to U.2 68F adapter	
5R68D02	8643 36F + SATA 7F to U.2 68F	Hybrid SAS adapter