BizLink

DataCenter
Solutions

Internal Cables

**ENSURE RELIABLE
DATA CENTER
CONNECTIVITY**

INTERNAL CABLES

SlimSAS Cables

OCuLink Cables

GenZ Cables

DATA CENTER SOLUTIONS

BizLink's internal interconnect solutions include MiniSAS HD, SlimSAS, SlimSAS Anti-Skew, OCuLink, Mini IO, and GenZ cable assemblies for a wide variety of applications in data centers, servers, and high-performance computing.

APPLICATIONS

- Data Center and Networking Equipment
- Servers and Storage Devices
- High-Performance Computing

SlimSAS Cables

▶ Key Features
- Dedicated to address the anticipated I/O and direct attached storage requirements
- The cables are available for both right angle and vertical versions.
- The mating cable products with positive latch are for both right angle and straight-out cable exit styles.
- Support SAS 3.0/SAS 4.0/PCIe 3.0/PCIe 4.0

Mini-SAS HD Cables

▶ Key Features
- Support short 18mm straight and right angle connectors
- 100 ohm and 85 ohm impedance cables, composite flat 30AWG twin axial cable with side bands
- Support SAS 3.0/PCIe 3.0

OCuLink Cables

▶ Key Features
- Support protocols: SAS, PCIe 3.0/PCIe 4.0, SATA
- OCuLink is available in both right angle and vertical versions.
- The mating cables offer positive active or passive detent latches for both right angle and straight-out cable exit styles.
- Provide more effective cable management through ribbon cable enabled assemblies

SlimSAS Anti-skew

▶ Key Features
- SlimSAS with anti-skew interface is desgined to prevent the terminal damage as connector mating with incorrect angle.
- Support SAS 3.0/SAS 4.0/PCIe 3.0/PCIe 4.0

GenZ Cables

▶ Key Features
- Pitch 0.6mm, 1.57mm PCB card thickness compatible with PCIe riser cards
- Optional multiple channels: 1C (56pos.), 2C (84pos.), and 4C (140pos.)
- Excellent SI performance with signal rates up to 56 GT/s PAM4
- Support power and high-speed signal transmission simultaneously
- 30-32AWG wires are available for both discrete and ribbon cables.
- Mechanical performance: Mating force 31N (max.), unmating force 6N (min.), and 25 rated durability cycles (min.)
- Signal integrity: RL meets 56G PAM4; FEXT meets 56G PAM4; NEXT meets 56G PAM4; IL meets 56G PAM4
- Support SAS 4.0/SAS 5.0/PCIe 4.0/PCIe 5.0

Mini IO Cables

▶ Key Features
- Fully compatible with Mini CoolEdge (MCIO) connectors and cables Pitch 0.6mm, 1.57mm PCB card thickness compatible with PCIe riser cards
- Options: Straight, right angle, side exit and customization cable plug; 38pin (4x), 74pin (8x and 12x), and 124pin (16x and 20x) plugrs
- Support 85 ohm and 100 ohm impedance application 30-34AWG cables are available.
- Mechanical performance: Mating force max. 55.5N, unmating force max. 49N, and min. 250 rated durability cycles
- Support SAS 4.0/SAS 5.0/PCIe 4.0/PCIe 5.0

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