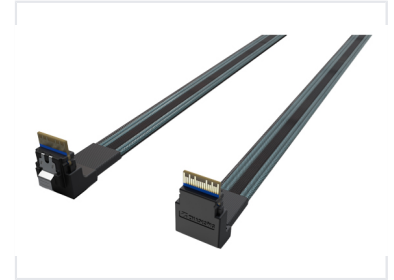


SFF-8654 SlimSAS High-Density Interconnect Cable

This SlimSAS cable assembly is a high-density interconnect system ideal for servers and storage devices. It supports configurations such as 4X 24Gbps, 8X 24Gbps, and 16X 24Gbps, effectively replacing HD MiniSAS products for distances up to 1 meter.



Product Overview

High-Density SlimSAS Interconnect

The SFF-8654 SlimSAS cable system is a high-density interconnect solution engineered for modern server and storage environments. It supports high-speed data transfer rates of up to 24Gbps per lane and is designed to replace traditional HD MiniSAS cabling. With options for 4X, 8X, and 16X configurations, this cable ensures signal integrity for demanding PCIe and SAS applications up to 1 meter in length.

Performance Specifications

Data Rate

24 Gbps

Speed per Lane

16 GT/s

PCIe Gen4 Performance

Compliance

SFF-8654, SAS 3.0, SAS 4.0, PCIe 4.0

Technical Details

Impedance Options

- 85
- 100

Construction Options

Single Drain • Dual Drain • Loose Cable • Ribbon Cable

Wire AWG Support

30-34 AWG

Configuration Options

Available Connector Configurations

Type	Orientation
SlimSAS 4i	Straight / Right Angle / Reverse / Side Exit
SlimSAS 8i	Straight / Right Angle / Reverse / Side Exit

Applications

Primary Use Cases

- Switch, Router, and Server systems
- Storage and RAID Arrays
- External Storage Data Systems
- SAS/SATA/PCIe HBA Interfaces
- Direct Attached Storage (DAS)