

Mini-SAS Copper Cable Assemblies 3G/6G

TIME PROVEN, INDUSTRY LEADING MINI-SAS

Amphenol’s external Mini-SAS cable assembly solutions address the current and legacy storage industry’s demand for a reliable, compact, high-speed serial I/O supporting SAS 2.1.

The Mini-SAS I/O system provides a cost-effective, high-speed solution that meets the bandwidth requirements of current and legacy applications of servers and external storage systems. Amphenol’s cable assemblies meet Serial Attached SCSI (SAS) industry standard requirements for multilane ports.

Mini-SAS solutions satisfy the applicable requirements of the INCITS T10 and SAS 2.1 specifications and conform to the mechanical requirements described in the SFF-8086 and SFF-8088 documents. Mini-SAS assemblies are available in broad varieties.

- Supports SAS 2.1
- Ideal for current and legacy applications in servers and external storage
- Low profile “Pull-to-release” latching system with custom “Push-to-release” made available



TARGET MARKETS



FEATURES

- The Mini-SAS 26-position cable interconnect system is SFF-8088 and SFF-8086 compatible
- Cable assembly in a paddle card design
- Low profile “Pull-to-release” latching system provides secure connections and allows for stacking. A custom “Push-to-release” is also available
- Stamped EMI gasket and die-cast backshell
- Reduced backshell protrusion
- Fully compliant with all SAS defined keying options
- Controlled wire management and termination process assures consistent high-speed electrical performance
- RoHS 2 compliant

BENEFITS

- Backward compatible to 1.5 and 3.0 Gb/s systems
- Optimized for signal integrity and mechanical performance
- Effective latch systems for high-density applications
- Superior EMI shielding effectiveness
- Provides short cable exit
- Aligns to the SAS 2.1 industry standard
- Assures consistent high-speed electrical performance
- Environment friendly