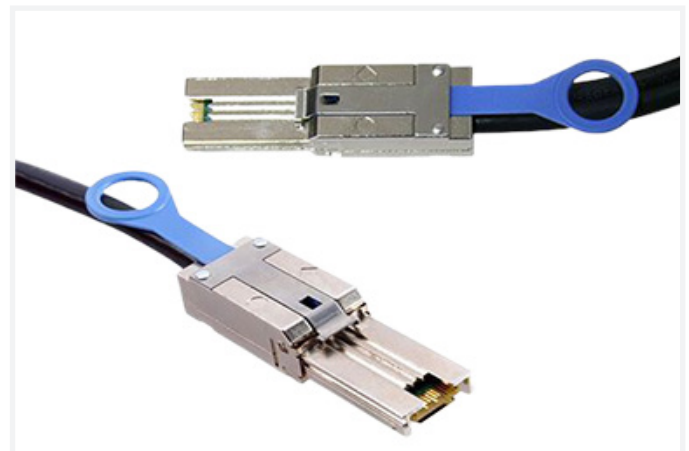# Mini–SAS Copper Cable Assemblies 3G/6G

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 specification 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	BENEFITS
The Mini–SAS 26–position cable interconnect system is SFF–8088 and SFF–8086 compatible	Backward compatible to 1.5 and 3.0 Gb/s systems
Cable assembly in a paddle card design	Optimized for signal integrity and mechanical performance
Low profile "Pull–to–release" latching system provides secure connections and allows for stacking. A custom "Push–to–release" is also available.	Effective latch systems for high–density applications
Stamped EMI gasket and die–cast backshell	Superior EMI shielding effectiveness
Reduced backshell protrusion	Provides short cable exit
Fully compliant with all SAS defined keying options	Aligns to the SAS 2.1 industry standard
Controlled wire management and termination process assures consistent high–speed electrical performance	Assures consistent high–speed electrical performance
RoHS2 compliant	Environmentally friendly

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