

The Lorum MiniLink cable assembly provides a cost-effective, high-speed solution that meets the bandwidth requirements of current and future applications in servers and external storage systems. The product series meet and exceed the standard performance and reliability requirements of the SFF-8611 and SAS 4.0 specifications.



Product Features & Benefits

- Broadband operation capabilities for data rate from 100Gbps
- Lorum paddle-card design & cable assembly is optimized for SI & mechanical performance
- Supports SAS 4.0 specification
- Choice of 32 and 34 Awg EMAXX bulk cable
- Robust strain relief system isolates cable termination from mechanical stress
- Small bend radius for higher density and easier management
- Controlled wire management and termination to assure consistent high-speed performance
- Fully compatible with SFF-8611 specification
- Excellent EMI / EMC performance



Target Markets & Applications

- Data Servers
- Raid Systems
- Storage Racks
- External Storage Systems
- SAS/SATA HBA interfaces Direct-attached Storage
- (DAS) Communication Switches

Electrical Characteristics		
Differential Impedance of Bulk Cable	100 ± 10	Ohms
Differential Impedance of Mated Connector	85 ± 10	Ohms
Differential Insertion Loss	≥ - 17	dB, at 11.25 GHz
Differential Return Loss	per SAS - 4 Standard Revision 07	
Insertion Loss Deviation	per SAS - 4 Standard Revision 07	
RMS Value of the Insertion Loss Deviation	per SAS - 4 Standard Revision 07	
Integrated Crosstalk Noise	per SAS - 4 Standard Revision 07	
Mechanical Characteristics		
Mating Force	150N Maximum	
Un-Mating Force	50N Maximum	
Vibration	per SFF-8611 Specification	
Mechanical Shock	per SFF-8611 Specification	
Rated Durability Cycles	per SFF-8611 Specification	
Environmental Characteristics		
Humidity	80% Relative Humidity	
Storage Temperature	- 40C to + 85C degrees	

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