

# ATTO SAS/SATA Cables

## Technical Features

- Rugged cabling interconnect systems
- Paddle card optimization with impedance matching reduces crosstalk for end-to-end signal integrity and performance
- Adaptive, robust plug interface with EMI Gasket and die-cast back shell assure proper EMI shielding
- Robust cable strain relief system isolates cable termination from mechanical stress
- Fully compliant with all SAS and SATA defined keying options
- Durable, full shielding reduces interference and maintains signal quality
- Optimized specifically for use with all ATTO SAS RAID & Host Bus Adapters and Storage Controllers
- 90 day standard product warranty

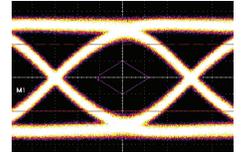
For over 25 years, ATTO has conducted in-depth testing of noise, interference, cable lengths and their effects on connectivity solutions. ATTO premium cables are specifically designed to optimize connections between high-performance storage, servers and workstations. ATTO cables are recommended for use with all ATTO products to ensure the highest levels of performance and data reliability.

Utilizing high-quality shielding, equipment-specific cable lengths and extensive pull testing to verify connection integrity, these premium cables ensure the best performance and data integrity from your ATTO-enabled infrastructure.

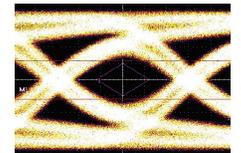
## Pure Signal Integrity

ATTO Technology has been manufacturing storage connectivity products for over 25 years, becoming experts in the art of developing clean board design for smooth data streaming. ATTO engineers focus on signal integrity, designing to minimize jitter, crosstalk, reflections, and power supply noise, resulting in the cleanest signals in the industry.

This is one of the reasons why ATTO is the most trusted storage connectivity solution provider for high speed streaming applications. Signal quality is the best indicator of performance and could be the difference between completing projects on time or missing deadlines, or losing critical data. ATTO products can be relied upon for uninterrupted reliable, and high-performance data transfers.



**ATTO Cable Signal:**  
Clean eye pattern = tighter signal strength  
Smooth and reliable data transfers



**Substandard Cable Signal:**  
Distorted eye pattern = weaker signal integrity  
Possible data loss, errors



SAS/SATA	External SFF-8088 to SFF-8088	External SFF-8088 to SFF-8470	External SFF-8644 to SFF-8088	External SFF-8436 to SFF-8088	Internal SFF-8087 to (4) x1 SATA	Internal SFF-8087 to SFF-8087	Internal I2C 3-Pos to 3-Pos	External SFF-8644 to SFF-8644
Length	1 & 3 meters <sup>1</sup>	1 & 3 meters <sup>1</sup>	1 meter	1 & 3 meters <sup>1</sup>	.5 meters	.5 meters	.5 meters	3 meters
For use with	ESAS-H6F0 ESAS-R680 ESAS-H680 ESAS-R644 ESAS-H644 TLSH-2068 TSSC-4808	ESAS-H6F0 ESAS-R680 ESAS-H680 ESAS-R644 ESAS-H644 TLSH-2068 TSSC-4808	ESAH-1244 ESAH-1248 ESAH-1288 ESAH-12F0 ESAH-1280 ESAR-1280 ESAR-1244	ESAS-H6F0 ESAS-H680 ESAS-H644 ESAS-R644 FCBR-6500/7500	ESAS-H60F ESAS-H608 ESAS-H644 ESAS-R60F ESAS-R608 ESAS-R644 TSSC-4808 <sup>2</sup>	ESAS-H60F ESAS-H608 ESAS-H644 ESAS-R60F ESAS-R608 ESAS-R644 TSSC-4808 <sup>2</sup>	ESAS-H6F0 ESAS-H608 ESAS-R60F ESAS-R608	ESAH-1244 ESAH-1248 ESAH-1288 ESAH-12F0 ESAH-1280 ESAR-1280 ESAR-1244
Part #	CBL-8088-EX1 CBL-8088-EX3	CBL-8470-EX1 CBL-8470-EX3	CBL-4488-E1X	CBL-QSFP-EP1 CBL-QSFP-EP3	CBL-SATA-INT	CBL-8087-INT	CBL-SI2C-KI2	CBL-8644-EX3

