ADD-SFF8644-8644-3M

3m SFF-8644 External Mini-SAS HD Male to Male Storage Cable

Features

- SFF-8644 to SFF-8644 Connectors
- 28AWG Cable
- 3m Length
- 2-Wired Serial Memory
- EMI Spring Shielding
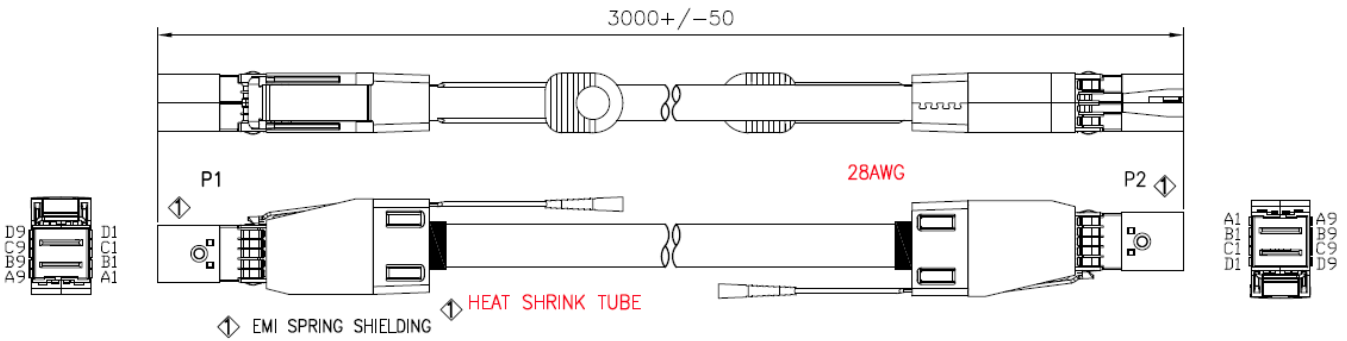- Color: Black
- RoHS Compliant and lead-free

Product Description

This is a 3.0m (9.8ft) SFF-8644 external mini-SAS HD male to male black storage cable that is used for high speed data transfer. This part is made to industry standard specifications and can be used in many different applications. This storage cable features SFF-8644 to SFF-8644 connectors for connectivity between network appliances. These cables are application tested and guaranteed to work 100% of the time.
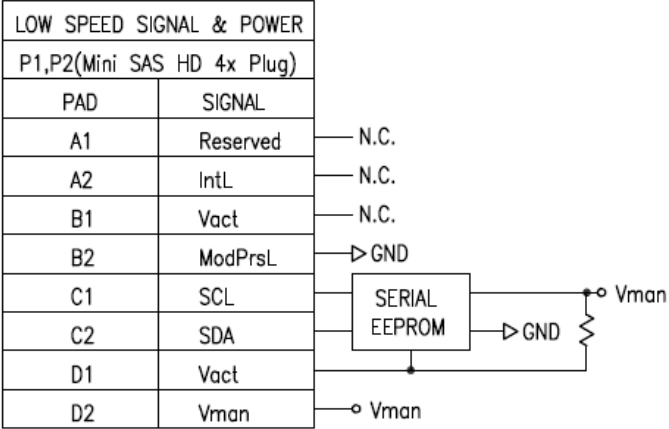
Specifications

Parameter	Specifications
Connector 1	SFF-8644
Connector 1 Gender	Male
Connector 2	SFF-8644
Connector 2 Gender	Male
Family Type	Mini-SAS
Length (ft)	9.8
Type	Storage Cable
Additional Information	External
Length (m)	3
Color	Black
Application	For SAS 12Gbps
Cable	
Conductor	28AWG Solid Silver-Plated Copper
Insulation	Foam Polyolefin
Pair	2 Singles Laid Flat and Parallel
Core	8 Pairs
Pair Drain Wire	30AWG Solid Silver-Plated Copper
Pair Shield	Aluminum/Polyester Tape, Aluminum Side Facing In, 25% Overlap
Inner Shield	Aluminum/Polyester Tape, Aluminum Side Facing Out, 25% Overlap
Outer Shield	28AWG Tin-Plated Copper Braid, 85% Coverage
Diameter	7.874mm
Differential Impedance	$100\pm5\Omega$ @ TDR
UL Listing	Type CL2 as Specified in Article 725 of the National Electrical Code
RoHS Compliant	Yes
Connector	
PCB	4 Layers, Gold Plating on Contact Pads, Without Carbon
Latch	Stainless Steel
Backshell	Zinc Die Casting Hood/Nickel Plating
Pull Tab	Nylin UL94V-0 Color: Blue

Mechanical Specifications

Wiring Diagram

HIGH SPEED SIGNAL					
P1(Mini SAS HD 4x Plug)			P2(Mini SAS HD 4x Plug)		
PIN	SIGNAL			PAD	SIGNAL
A4	RX1+			C4	TX1+
A5	RX1−			C5	TX1−
A7	RX3+			C7	TX3+
A8	RX3−			C8	TX3−
B4	RX0+			D4	TX0+
B5	RX0−			D5	TX0−
B7	RX2+			D7	TX2+
B8	RX2−			D8	TX2−
C4	TX1+			A4	RX1+
C5	TX1−			A5	RX1−
C7	TX3+			A7	RX3+
C8	TX3−			A8	RX3−
D4	TX0+			B4	RX0+
D5	TX0−			B5	RX0−
D7	TX2+			B7	RX2+
D8	TX2−			B8	RX2−
GND GROUP	GND			GND GROUP	GND
GND GROUP 1: P1−A3,A6,A9,B3,B6,B9, P2−C3,C6,C9,D3,D6,D9 GND GROUP 2: P1−C3,C6,C9,D3,D6,D9, P2−A3,A6,A9,B3,B6,B9					
Connector Shell				Connector Shell	

LOW SPEED SIGNAL & POWER		
P1,P2(Mini SAS HD 4x Plug)		
PAD	SIGNAL	
A1	Reserved	N.C.
A2	IntL	N.C.
B1	Vact	N.C.
B2	ModPrsL	GND
C1	SCL	SERIAL EEPROM
C2	SDA	
D1	Vact	Vman
D2	Vman	Vman

About AddOn Networks

In 1999, AddOn Networks entered the market with a single product. Our founders fulfilled a severe shortage for compatible, cost-effective optical transceivers that compete at the same performance levels as leading OEM manufacturers. Adhering to the idea of redefining service and product quality not previously had in the fiber optic networking industry, AddOn invested resources in solution design, production, fulfillment, and global support.

Combining one of the most extensive and stringent testing processes in the industry, an exceptional free tech support center, and a consistent roll-out of innovative technologies, AddOn has continually set industry standards of quality and reliability throughout its history.

Reliability is the cornerstone of any optical fiber network and is in engrained in AddOn's DNA. It has played a key role in nurturing the long-term relationships developed over the years with customers. AddOn remains committed to exceeding industry standards with certifications from ranging from NEBS Level 3 to ISO 9001:2005 with every new development while maintaining the signature reliability of its products.

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