PRO-SFF8644-8644-2M

2m SFF-8644 External Mini-SAS HD Male to Male Storage Cable

Features

- SFF-8644 to SFF-8644 Connectors
- 28AWG Cable
- 2m Length
- Color: Black
- RoHS Compliant and lead-free

Product Description

This is a 2.0m (6.6ft) 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.

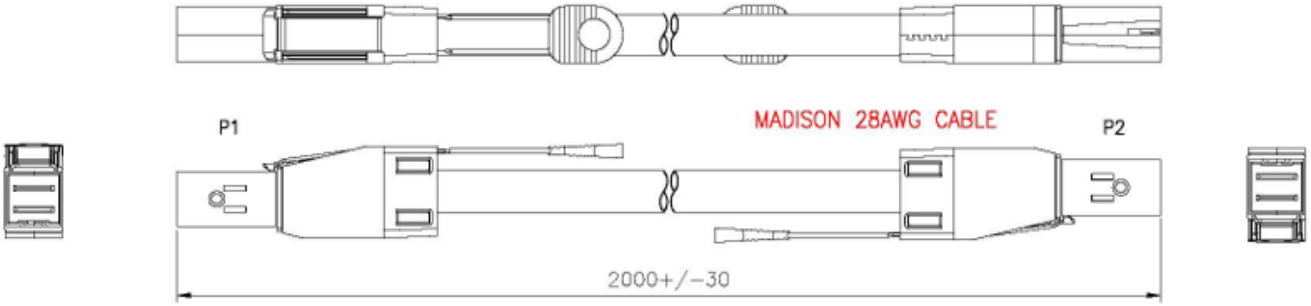
Proline's storage cables are RoHS compliant and lead-free.

Specifications

Parameters	Specifications
Connectors	SFF-8644
Connector Genders	Male
Family Type	Mini-SAS
Length	2m (6.6ft)
Color	Black
Type	Storage Cable
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±5Ω @TDR
UL Listing	Type CL2 as Specified in Article 725 of the National Electrical Code.

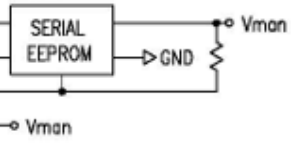
Mechanical Specifications



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
A2	IntL
B1	Vact
B2	ModPrsL
C1	SCL
C2	SDA
D1	Vact
D2	Vman



About Us:

Proline Options is one of North America's leading providers of transceivers and high speed cabling. With a reputation for quality, tested products that cover the connectivity spectrum, Proline Options has a solution for you regardless of the specification.

At Proline Options, every product is tested in its intended application - never batch or spec tested only. We run bandwidth, distance and IOS network tests. We have documented an impressive 0.03% failure rate over the last 10 years. To continue this rate of success we invest millions annually in our own on-site testing lab.

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