

## U.2 (SFF-8639) to Mini SAS HD (SFF-8643) Cable



### Features

- ※ Support for SAS 2.1 and SAS 3.0 standards
- ※ Support PCI Express 3.0
- ※ Data rate up to 12Gbps, 32Gbps
- ※ 30AWG copper wire
- ※ Plastic latching plug assemblies

### Applications

- ※ High performance storage applications
- ※ Connect internal storage controllers, drives and arrays
- ※ RAID backplaneion 1.0
- ※ Compliant with SFF-8639 Specification Rev 2.0

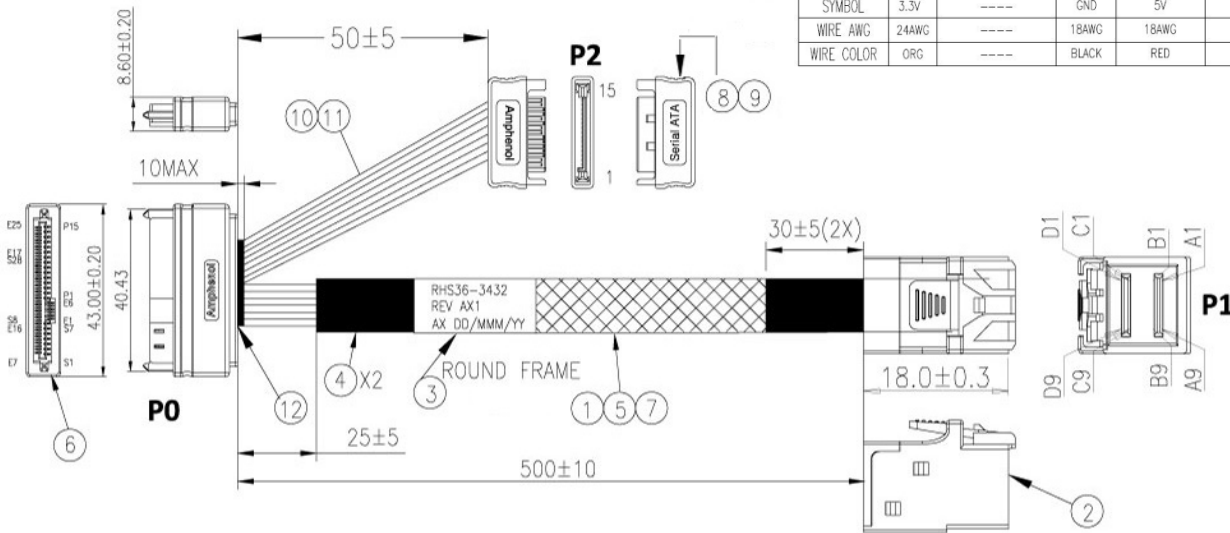
### Ordering Information

Model No.	Description
RHS36-3432	SFF-8639 to SFF-8643 Cable, 50CM



## Wire Table

P0	E3	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	P13	P14	P15	
P2	P1P2	P3	----	----	----	P4	P5	P6	P7	P8	P9	P10	P11	P12	P13	P14	P15
SYMBOL	3.3V	----	----	----	----	GND	5V	----	----	----	GND	12V	----	----	----	----	
WIRE AWG	24AWG	----	----	----	----	18AWG	18AWG	18AWG	18AWG	18AWG	18AWG	18AWG	18AWG	18AWG	18AWG	18AWG	
WIRE COLOR	ORG	----	----	----	----	BLACK	BLACK	RED	RED	BLACK	BLACK	BLACK	BLACK	BLACK	BLACK	YELLOW	



## Pin-out assignment

P1 / SFF-8643		P0 / SFF-8639	
GND	D9	S25	GND
TX2-	D8	S24	PCIE_TX2-
TX2+	D7	S23	PCIE_TX2+
GND	D6	E12/S22	GND
TX0-	D5	E11	PCIE_TX0-
TX0+	D4	E10	PCIE_TX0+
GND	D3	E9	GND
BMC_SMB_CLK	D2	E23	SMB_CLK
BMC_SMB_DAT	D1	E24	SMB_DAT
CPU_SMB_DAT	C1		
CPU_SMB_CLK	C2		
GND	C3	S16	GND
TX1+	C4	S17	PCIE_TX1+
TX1-	C5	S18	PCIE_TX1-
GND	C6	S19/S28	GND
TX3+	C7	E17	PCIE_TX3+
TX3-	C8	E18	PCIE_TX3-
GND	C9	E19	GND
GND	B9	S25	GND
RX2-	B8	S26	PCIE_RX2-
RX2+	B7	S27	PCIE_RX2+
GND	B6	S28/E12	GND
RX0-	B5	E13	PCIE_RX0-
RX0+	B4	E14	PCIE_RX0+
GND	B3	E15	GND
GND	B2		GND
RST	B1	E5	RST
CLK+	A1	E7	CLOCK+
CLK-	A2	E8	CLOCK-
GND	A3	E9/S22	GND
RX1-	A4	S21	PCIE_RX1+
RX1+	A5	S20	PCIE_RX1-
GND	A6	E19/S22	GND
RX3-	A7	E21	PCIE_RX3+
RX3+	A8	E20	PCIE_RX3-
GND	A9	E19	GND