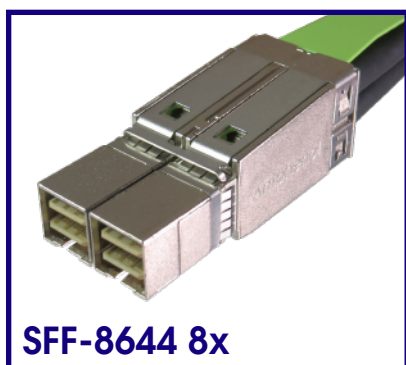


Innocard

# Minerva

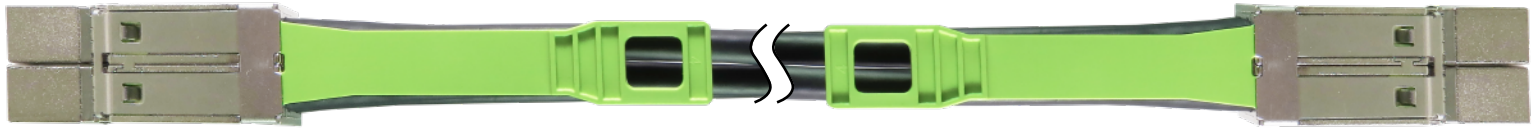
**GCE72-2001**

External Mini SAS HD 8x (SFF-8644) Cable



SFF-8644 8x

# External Mini SAS HD 8x (SFF-8644) Cable



2000 ± 40 mm

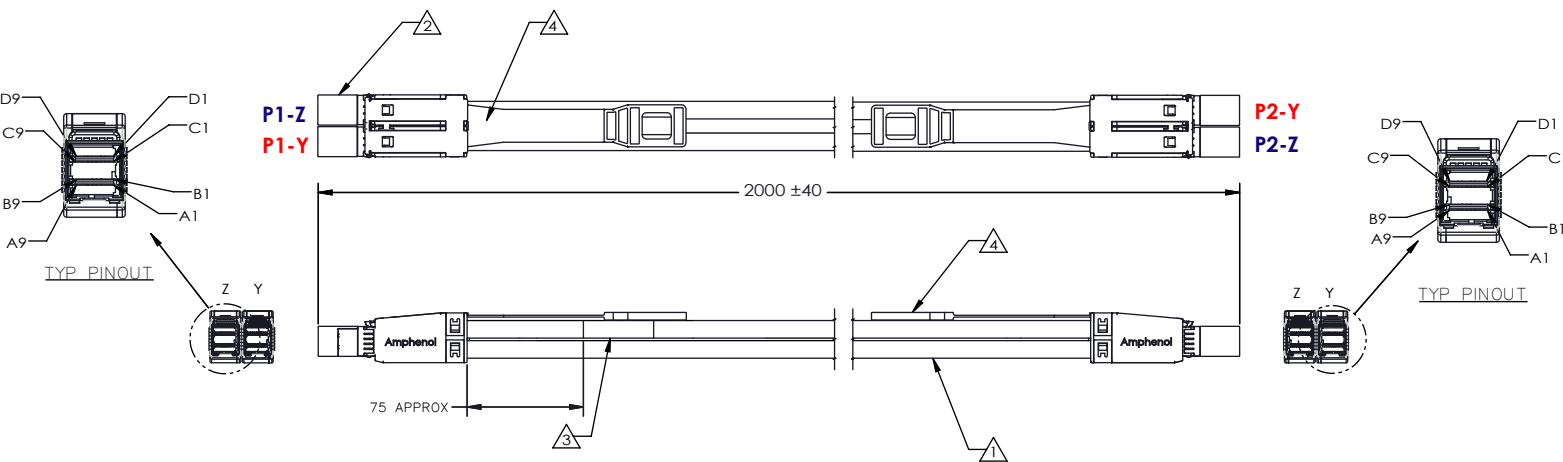


TABLE 2

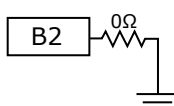
ITEM No.	DESCRIPTION
①	30 AWG, 5P+2C, PVC BLACK, UL VW-1 80°C
②	PLUG, HDMSAS – REFERENCE SFF-8644
③	LABEL, WRAPPED – P/N & REV, DATE CODE, COUNTRY OF ORIGIN AND SERIAL NUMBER
④	LANYARD, HDMSAS, PANTONE 375C GREEN, UL 94V-0

# External Mini SAS HD 8x (SFF-8644) Cable

## Pin-out assignment

### P1-Y

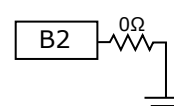
GND	D9	B9	GND
PETn2	D8	B8	PERn2
PETp2	D7	B7	PERp2
GND	D6	B6	GND
PETn1	D5	B5	PERn1
PETp1	D4	B4	PERp1
GND	D3	B3	GND
CWAKE1#	D2	D1	CWAKE1#
CLKREQ1	D1	D2	CLKREQ1
SMCLK1	C1	C2	SMCLK1
SMDAT1	C2	C1	SMDAT1
GND	C3	A3	GND
PETp0	C4	A4	PERp0
PETn0	C5	A5	PERn0
GND	C6	A6	GND
PETp3	C7	A7	PERp3
PETn3	C8	A8	PERn3
GND	C9	A9	GND
GND	B9	D9	GND
PERn2	B8	D8	PETn2
PERp2	B7	D7	PETp2
GND	B6	D6	GND
PERn1	B5	D5	PETn1
PERp1	B4	D4	PETp1
GND	B3	D3	GND
CBLPRSNT#	B2	B1	CBLPRSNT#
PERST1#	B1	B2	PERST1#
CLK1p 100ohm	A1	A2	CLK1p
CLK1n 100ohm	A2	A1	CLK1n
GND	A3	C3	GND
PERp0	A4	C4	PETp0
PERn0	A5	C5	PETn0
GND	A6	C6	GND
PERp3	A7	C7	PETp3
PERn3	A8	C8	PETn3
GND	A9	C9	GND
SHELL		SHELL	



### P2-Y

### P1-Z

GND	D9	B9	GND
PETn2	D8	B8	PERn2
PETp2	D7	B7	PERp2
GND	D6	B6	GND
PETn1	D5	B5	PERn1
PETp1	D4	B4	PERp1
GND	D3	B3	GND
CWAKE2#	D2	D1	CWAKE2#
CLKREQ2	D1	D2	CLKREQ2
SMCLK2	C1	C2	SMCLK2
SMDAT2	C2	C1	SMDAT2
GND	C3	A3	GND
PETp0	C4	A4	PERp0
PETn0	C5	A5	PERn0
GND	C6	A6	GND
PETp3	C7	A7	PERp3
PETn3	C8	A8	PERn3
GND	C9	A9	GND
GND	B9	D9	GND
PERn2	B8	D8	PETn2
PERp2	B7	D7	PETp2
GND	B6	D6	GND
PERn1	B5	D5	PETn1
PERp1	B4	D4	PETp1
GND	B3	D3	GND
CBLPRSNT#	B2	B1	CBLPRSNT#
PERST2#	B1	B2	PERST2#
CLK2p 100ohm	A1	A2	CLK2p
CLK2n 100ohm	A2	A1	CLK2n
GND	A3	C3	GND
PERp0	A4	C4	PETp0
PERn0	A5	C5	PETn0
GND	A6	C6	GND
PERp3	A7	C7	PETp3
PERn3	A8	C8	PETn3
GND	A9	C9	GND
SHELL		SHELL	



### P2-Z