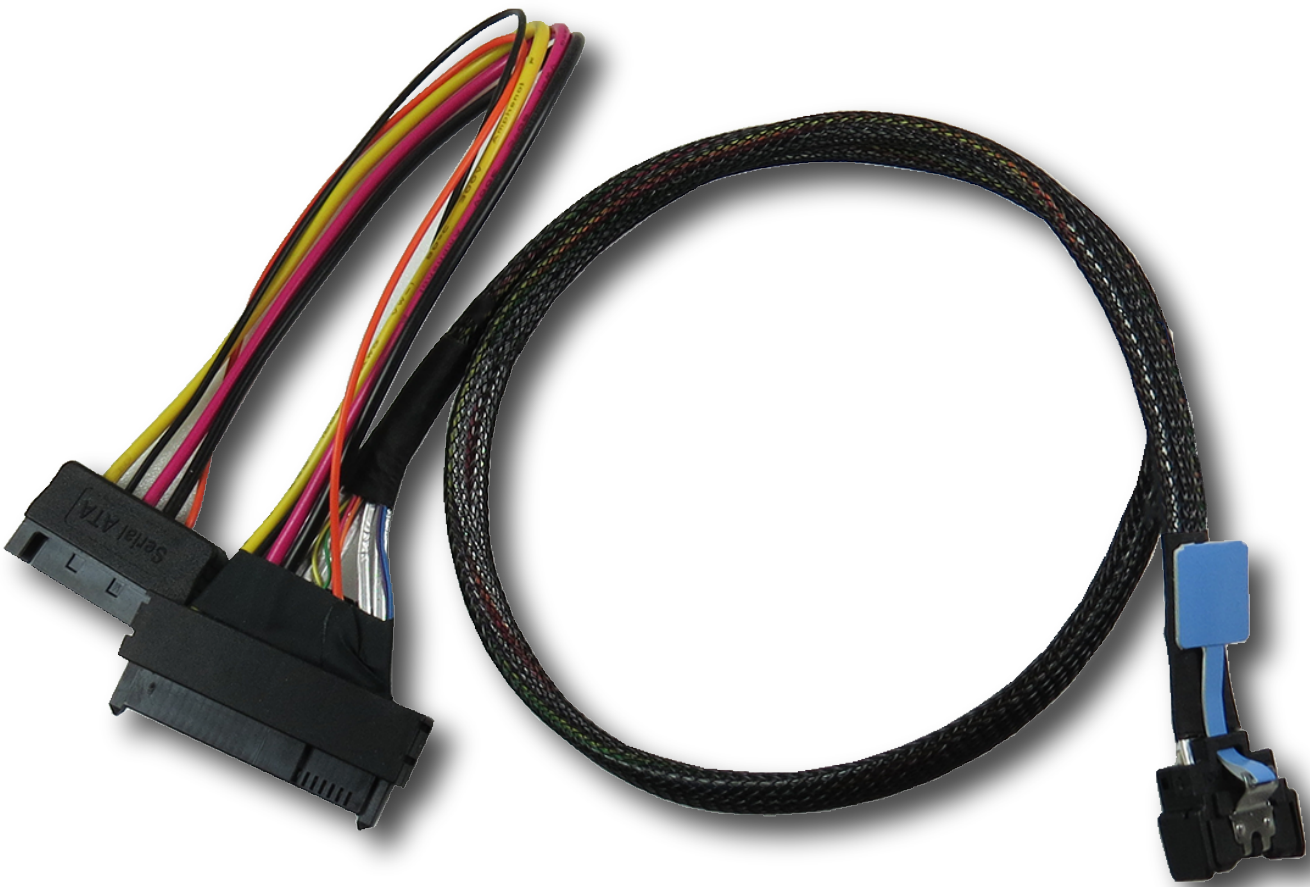


Innocard

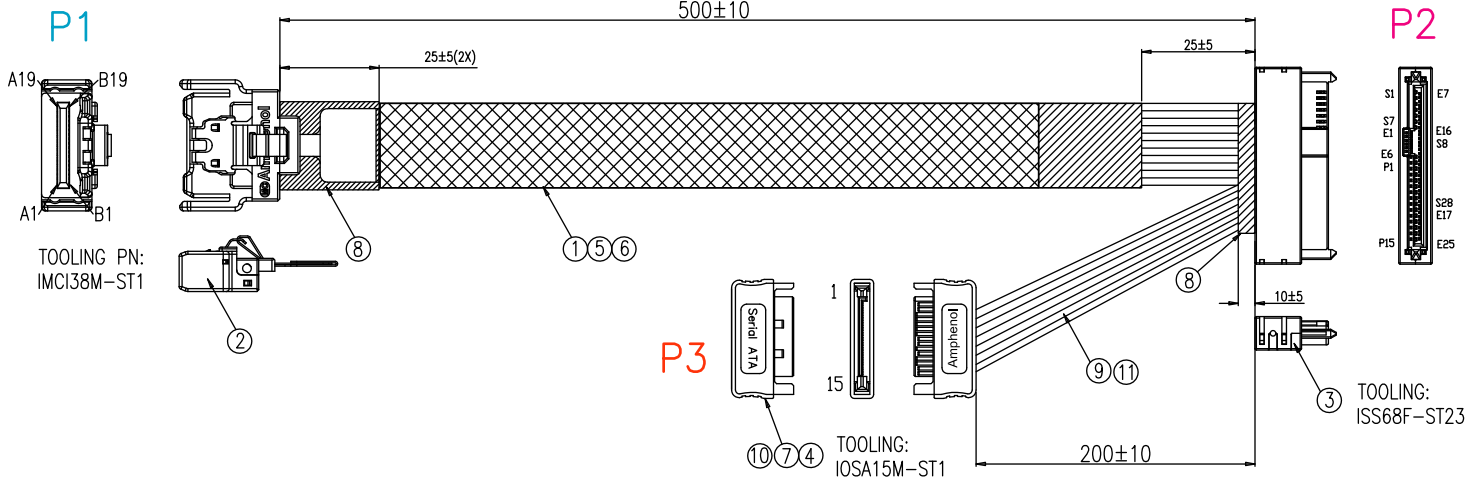
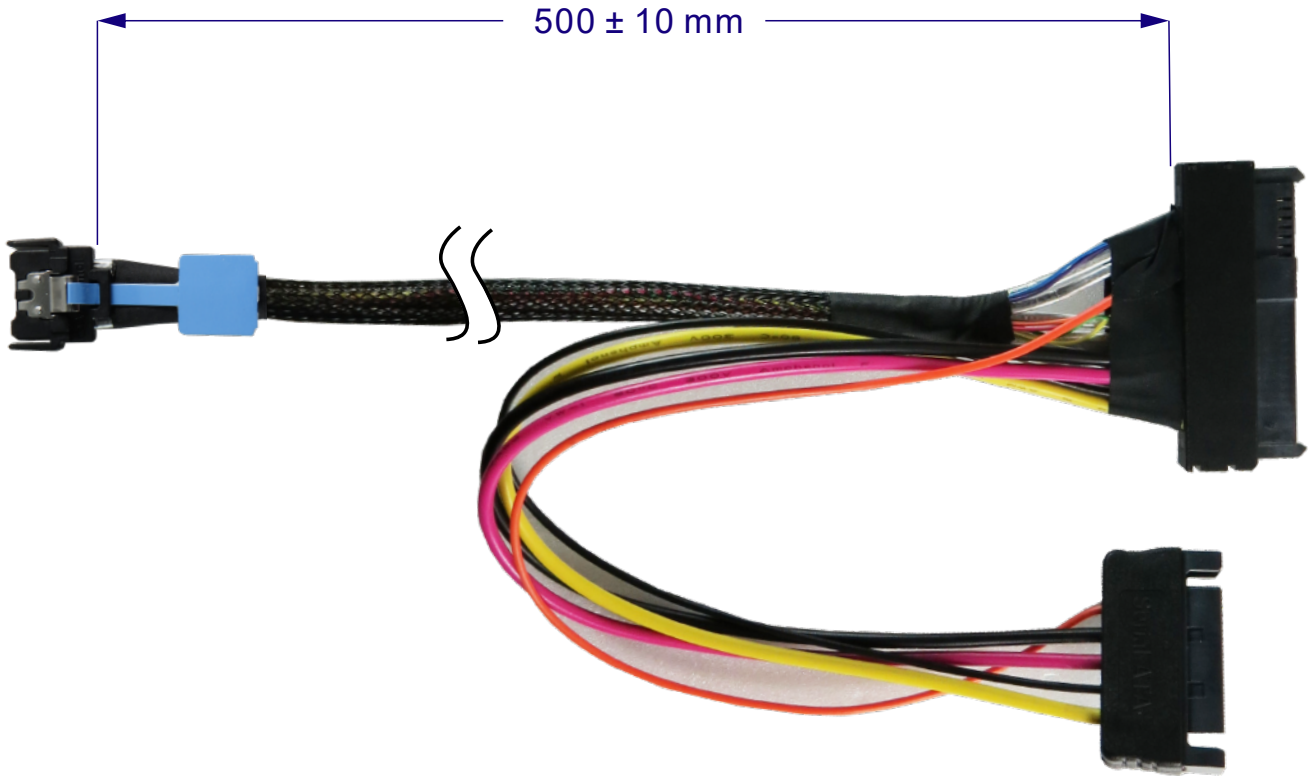
# Minerva

**GDC83-4201**

**PCIe Gen4 Mini Cool Edge IO 38pin to U.2 (SFF-8639) Cable**



## Mini Cool Edge IO 38pin to U.2 (SFF-8639) Cable, 50cm



11	R1007028XX	WIRE,28AWG,UL1007,VW-1	A/R
10	HMRPE45NT1	PE:LOW DENSITY,CLEAR,HF	A/R
9	R1007018XX	WIRE:18AWG,UL1007	A/R
8	HMMTPXXXXXX	TAPE,BLK,HF	A/R
7	(R)10115M02	SATA CONN:15P,M,BRS,G/F,LCP,V0,BLK	1
6	HMTBDXXXXXX	EXPANDO TUBE:BLACK,VW-1,HF	A/R
5	H0330230CX	WIRE,30AWG,UL3302,OD0.55,FR-XLPE,VW-1,NO MARKING,HF	A/R
4	RMRPV45092	PVC,45P,V0,BLACK	A/R
3	AST8639-0020	SFF8639 STR PLUG Gen5 no PCB	1
2	MCIO-38ST-04-V	MINI COOLEEDGE 4X STR CONNECTOR WITH PULL TAB	1
1	HWSS300040	SAS CBL:UL20744,30#1P+2D,VW-1,85 ohm,HF	A/R
ITEM	P/N	DESCRIPTION	QTY

## Mini Cool Edge IO 38pin to U.2 (SFF-8639) Cable, 50cm

### Wire Table

<b>P2</b>	E3	P1	P2	P3	P4	P5	P6	P7	P8	P9			P12	P13	P14	P15	
<b>P3</b>	P1.P2.P3	-----				P4	P5	P6	P7	P8	P9	P10	P11	P12	P13	P14	P15
<b>SYMBOL</b>	3.3V	-----				GND			5V			GND		12V			
<b>WIRE AWG</b>	28AWG	-----				18AWG			18AWG			28AWG		18AWG			
<b>WIRE COLOR</b>	ORG	-----				BLACK			RED			BLACK		YELLOW			

### Pin-out assignment

#### P1 / Mini Cool Edge IO

#### P2 / SFF-8639

GND	B19													E19	GND
PETn3	B18													E18	PETn3
PETp3	B17													E17	PETp3
GND	B16													S25/S28	GND
PETn2	B15													S24	PETn2
PETp2	B14													S23	PETp2
GND	B13													S22	GND
REFCLKn	B12													E8	REFCLKn
REFCLKp	B11													E7	REFCLKp
GND	B10														
PWRDIS	B9													P3	PWRDIS
WAKE#	B8													P1	WAKE#
GND	B7													S19	GND
PETn1	B6													S18	PETn1
PETp1	B5													S17	PETp1
GND	B4													E12/S16	GND
PETn0	B3													E11	PETn0
PETp0	B2													E10	PETp0
GND	B1													E9	GND
GND	A19													E19	GND
PERn3	A18													E20	PERn3
PERp3	A17													E21	PERp3
GND	A16													E22/S25	GND
PERn2	A15													S26	PERn2
PERp2	A14													S27	PERp2
GND	A13													S28	GND
CLKREQ#	A12													E4	CLKREQ#
PERST#	A11													E5	PERST#
GND	A10														
2W-DATA	A9													E24	2W-DATA
2W-CLK	A8													E23	2W-CLK
GND	A7													S19	GND
PERn1	A6													S20	PERn1
PERp1	A5													S21	PERp1
GND	A4													E12/S22	GND
PERn0	A3													E13	PERn0
PERp0	A2													E14	PERp0
GND	A1													E15	GND