

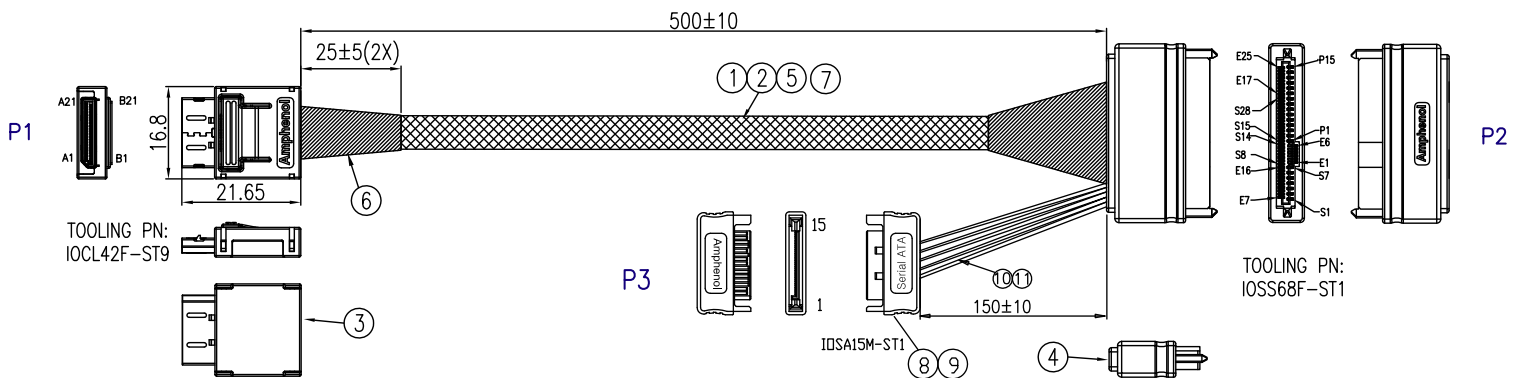
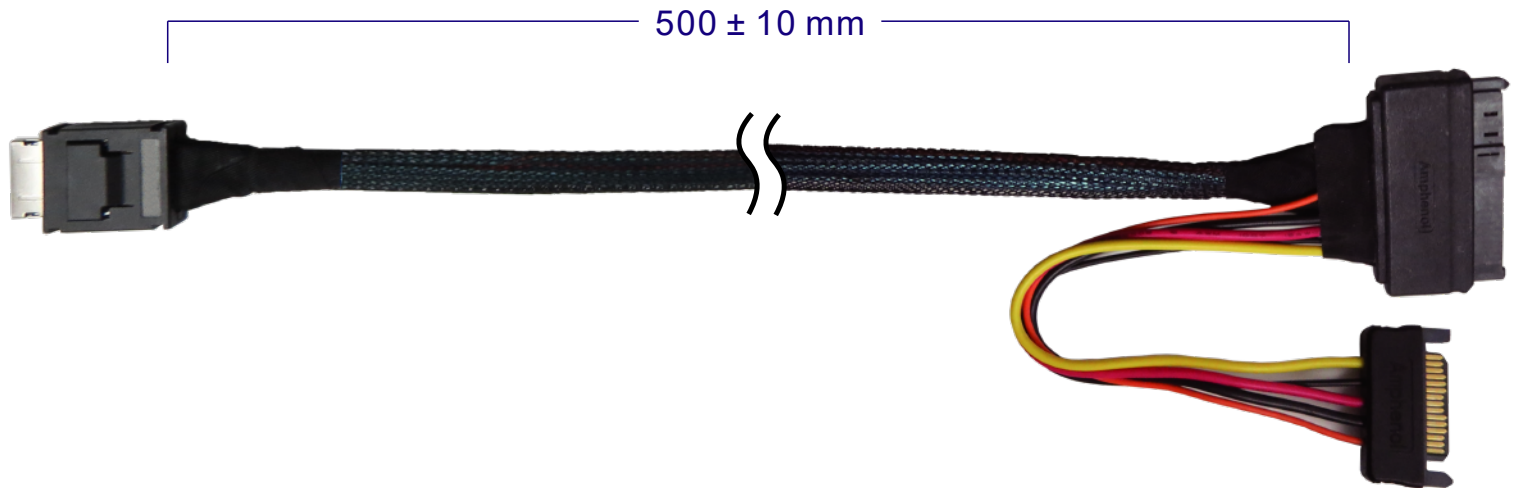
Innocard

# Minerva

**GDC42-6202** *PCIe Gen 4*  
OCulink (SFF-8611) to U.3 (SFF-8639) Cable



# OCulink to U.3 (SFF-8639) PCIe Gen4 Cable



11	R10070240X	WIRE,24AWG,UL1007,STRAND ED	A/R
10	R10070180X	WIRE:18AWG,41C,UL1007	A/R
9	RMRPV45101	PVC,45P,V1,BLACK	A/R
8	10115M02	SATA CONN:15P,M,BRS,G/F,LCP,V0,BLK	1
7	HWSS320067	SAS CBL:UL20744,32#2C+2D+HAM,PP,BLU,100ohm,VW-1,12G,HF	A/R
6	HMMTP00XXX	TERYLENE CLOTH TAPE,BLK,HF	A/R
5	HMTBDOXXX	EXPANDO TUBE:OD=XMM,BLACK,VW-1,HF	A/R
4	AST8639-001	PCIe 68POS CONN,STR,BLACK	1
3	OCL42-0012	Minilink,42POS,CONNECTOR, STR WITH ACTIVE LATCH	1
2	H0330230CX	WIRE,30AWG,UL3302,FR-XLPE,VW-1,NO MARKING,HF	A/R
1	HWSS320020	SAS CBL:UL20744,32#2C+2D+A+HM,BLU,85Ω,VW-1,HF,24G	A/R
ITEM	VENDOR P/N	DESCRIPTION	QTY

## OCulink to U.3 (SFF-8639) PCIe Gen4 Cable

### 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>	24AWG	-----				18AWG			18AWG			-----		24AWG		18AWG	
<b>WIRE COLOR</b>	ORG	-----				BLACK			RED			-----		BLACK		YELLOW	

### Pin-out assignment

#### P1/SFF-8611

RESERVED	A1
GROUND	A2
PERp0	A3
PERn0	A4
GROUND	A5
PERp1	A6
PERn1	A7
GROUND	A8
BP_TYPE	A9
CWAKE#	A10
GROUND	A11
VSP	A12
VSP	A13
GROUND	A14
PERp2	A15
PERn2	A16
GROUND	A17
PERp3	A18
PERn3	A19
GROUND	A20
RESERVED	A21
RESERVED	B1
GROUND	B2
PETp0	B3
PETn0	B4
GROUND	B5
PETp1	B6
PETn1	B7
GROUND	B8
2W-CLK	B9
2W-DATA	B10
GROUND	B11
PERST#	B12
CPRSNT#	B13
GROUND	B14
PETp2	B15
PETn2	B16
GROUND	B17
PETp3	B18
PETn3	B19
GROUND	B20
RESERVED	B21

#### P2/SFF-8639

	GND
S6	PERp0
S5	PERn0
S4/S14	GND
S13	PERp1
S12	PERn1
S11	GND
P1	WAKE#
E7	REFCLK+
E8	REFCLK-
S8/S22	GND
S21	PERp2
S20	PERn2
S19/S28	GND
S27	PERp3
S26	PERn3
S25	NC
S1	GND
S2	PETp0
S3	PETn0
S4/S8	GND
S9	PETp1
S10	PETn1
S11	GND
E23	2W-CLK
E24	2W-DATA
E5	PERST#
S16	GND
S17	PETp2
S18	PETn2
S19/S22	GND
S23	PETp3
S24	PETn3
S25	NC