

DIOT CRATE WIRING LIST

No.	Name of the wire	Quantity	Length, cm	AWG size	Color	Connector side A	Connector side B	Remarks
1	GND POWER-MAIN BACKPLANE	2	40	10	Black	Ring terminal	Ring terminal	
2	P12V POWER-MAIN BACKPLANE	2	40	10	Red	Ring terminal	Ring terminal	
3	N wire for IEC CONNECTOR-FRONTANEL PCB	2	33	14	Blue	Spade terminal	None	
4	N wire for FRONTANEL PCB-PSU0	1	23	14	Blue	Spade terminal	None	
5	N wire for FRONTANEL PCB-PSU1	1	28	14	Blue	Spade terminal	None	
6	P wire for IEC CONNECTOR-FRONTANEL PCB	2	33	14	Brown	Spade terminal	None	
7	P wire for FRONTANEL PCB-PSU0	1	23	14	Brown	Spade terminal	None	
8	P wire for FRONTANEL PCB-PSU1	1	28	14	Brown	Spade terminal	None	
9	PE wire for SMALL DIVIDER PLATE	1	15	14	Green	Ring terminal	Ring terminal	
10	PE wire for FRONTANEL	1	50	14	Green	Ring terminal	Spade terminal	
11	PE wire for IEC CONNECTOR	2	16	14	Green	Ring terminal	Spade terminal	
12	PE wire for PSU	2	23	14	Green	Ring terminal	Spade terminal	
13	PE wire for ESD CABLE	1	10	14	Green	Ring terminal	ESD banana jack	
14	BNC CABLE (OFF-CENTER PIN)	1	15	16	Black	2pin Molex connector	BNC connector	
15	P5V POWER-MAIN BACKPLANE	2	25	16	Purple	Ring terminal	Ring terminal	
16	BNC CABLE (CENTRAL PIN)	1	15	16	Red	2pin Molex connector	BNC connector	
17	Ribbon cable POWER-MAIN BACKPLANE	1	17	28	Grey	IDC connector*	IDC connector	*Cable has 3 connectors dividing it into 10 and 7 cm
18	Ribbon cable FRONTANEL-MAIN BACKPLANE (AUX)	1	32	28	Grey	IDC connector	4pin Molex connector	
19	Ribbon cable FRONTANEL-MAIN BACKPLANE (FANTRAY)	1	32	28	Grey	IDC connector	DSUB connector	