

DIO_3118
Digital-IO Generic FMC

3M Connector Cable Pinout (Cable Part 1SD26-3120-00C-200)

Camera Side Pin No	Output CN-1 Connector	Pol.	Cable wires and Twisted Paires	Input CN-2 Connector	Pol.	Frame Side Pin No
2	LVDS_OUTn_0	-	Twisted – Paires Diff-LVDS	LVDS_INn_0	-	25
15	LVDS_OUTp_0	+		LVDS_INp_0	+	12
3	GND	-	Twisted – Paires LVTTTL / GND	GND	-	24
16	LVTTL_OUT_0	+		LVTTL_IN_0	+	11
4	GND	-	Twisted – Paires LVTTTL / GND	GND	-	23
17	LVTTL_OUT_1	+		LVTTL_IN_1	+	10
5	GND	-	Twisted – Paires LVTTTL / GND	GND	-	22
18	LVTTL_OUT_2	+		LVTTL_IN_2	+	9
6	GND	-	Twisted – Paires LVTTTL / GND	GND	-	21
19	LVTTL_OUT_3	+		LVTTL_IN_3	+	8
7	LVTTL_OUT_4	+	Twisted – Paires LVTTTL / GND	LVTTL_IN_4	+	20
20	GND	-		GND	-	7
8	GND	-	Twisted – Paires LVTTTL / GND	GND	-	19
21	LVTTL_OUT_5	+		LVTTL_IN_5	+	6
9	GND	-	Twisted – Paires LVTTTL / GND	GND	-	18
22	LVTTL_OUT_6	+		LVTTL_IN_6	+	5
10	LVTTL_OUT_7	+	Twisted – Paires LVTTTL / GND	LVTTL_IN_7	+	17
23	GND	-		GND	-	4
11	GND	-	Twisted – Paires LVTTTL / GND	GND	-	16
24	LVTTL_OUT_8	+		LVTTL_IN_8	+	3
12	LVTTL_OUT_9	+	Twisted – Paires LVTTTL / GND	LVTTL_IN_9	+	15
25	GND	-		GND	-	2
1	+5V	Pwr	Twisted – Paires Used for Power	+5V	Pwr	1
26	+5V	Pwr		+5V	Pwr	26
13	Inner-Shield	Gnd	Drain Wire	Inner-Shield	Gnd	13
14	Inner-Shield	Gnd	Drain Wire	Inner-Shield	Gnd	14

Warning: Some Diff-Paires Polarity are crossed (Orange Pol. On CN-2)
Note: +5Volts Power Max is 2Amp (C-C protection & Pwr_Enable by MIC2505YM)