

Part number	LVDS-FI-RE51S-DF13-40DS-400-Avalue	
Type	LVDS cable	
Description	Customer's LVDS cable CON1 = FI-RE51S , CON2= DF13-40DS, Length= 400 mm	
Wire description	For LVDS use twisted pair wire. For power wire use one AWG22 wire red color. For ground wire use one AWG22 wire black color. According drawing	
Length	Connector 1	Connector 2
400 mm	FI-RE51S or analog	DF13-40DS

Connector 1		wire	Connector 2		TOP View connector 2			
1			1	LVDS SEL	2		LVDS SEL	1
2			2		4			3
3			3		6			5
4			4		8			7
5			5		10	CH1_0+	CH1_1+	9
6			6		12	CH1_0-	CH1_1-	11
7	LVDS SEL		7		14	GND		13
8			8	GND	16	CH1_2+	CH1_3+	15
9			9	CH1_1+	18	CH1_2-	CH1_3-	17
10			10	CH1_0+	20			19
11	GND	AWG22	11	CH1_1-	22	CH2_0+	CH2_1+	21
12	CH1_0-	twisted	12	CH1_0-	24	CH2_0-	CH2_1-	23
13	CH1_0+	pair	13		26	GND		25
14	CH1_1-	twisted	14	GND	28	CH2_2+	CH2_3+	27
15	CH1_1+	pair	15	CH1_3+	30	CH2_2-	CH2_3-	29
16	CH1_2-	twisted	16	CH1_2+	32	GND		31
17	CH1_2+	pair	17	CH1_3-	34	CH1_CLK+	CH2_CLK+	33
18	GND	AWG22	18	CH1_2-	36	CH1_CLK-	CH2_CLK-	35
19	CH1_CLK-	twisted	19		38	GND	GND	37
20	CH1_CLK+	pair	20		40	Vdd	Vdd	39
21	GND	AWG22	21	CH2_1+				
22	CH1_3-	twisted	22	CH2_0+				
23	CH1_3+	pair	23	CH2_1-				
24			24	CH2_0-				
25			25					
26			26	GND				
27			27	CH2_3+				
28	CH2_0-	twisted	28	CH2_2+				
29	CH2_0+	pair	29	CH2_3-				
30	CH2_1-	twisted	30	CH2_2-				
31	CH2_1+	pair	31					
32	CH2_2-	twisted	32	GND				
33	CH2_2+	pair	33	CH2_CLK+				
34	GND	AWG22	34	CH1_CLK+				
35	CH2_CLK-	twisted	35	CH2_CLK-				
36	CH2_CLK+	pair	36	CH1_CLK-				
37	GND	AWG22	37	GND				
38	CH2_3-	twisted	38	GND				
39	CH2_3+	pair	39	Vdd				
40			40	Vdd				
41								
42								
43								
44	GND	AWG22						
45	GND	AWG22						
46	GND	AWG22						
47								
48	Vdd	AWG22						
49	Vdd	AWG22						
50	Vdd	AWG22						
51	Vdd	AWG22						

length = 400 mm

