

Active Optical HDMI Cable – Micro HDMI to HDMI

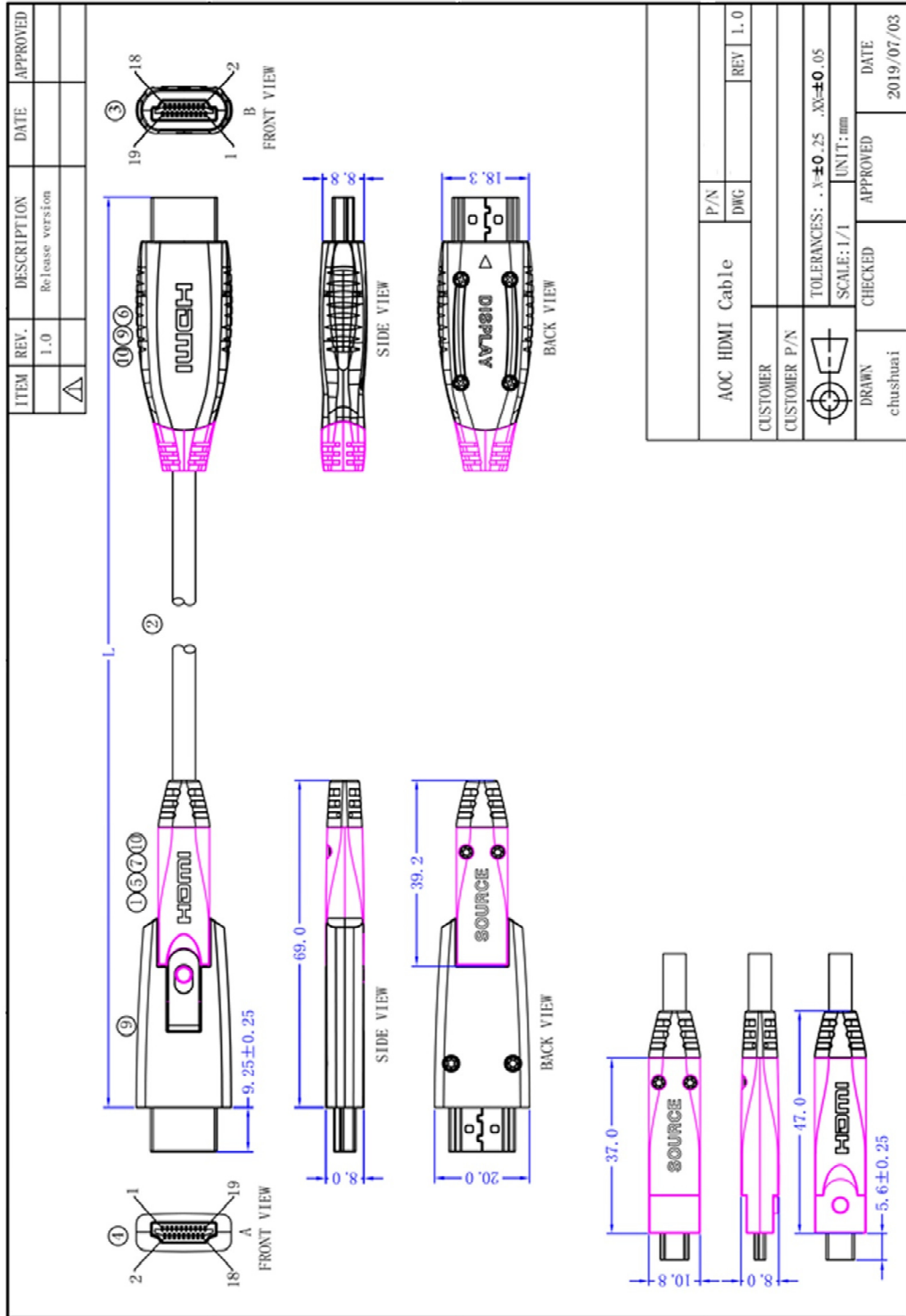


Features

- Micro HDMI Male to HDMI Male
- No loss of signal – delivering crystal clear digital images instantly
- Up to 200m Maximum Length
- Compatible with HDMI 2.0 standards
- Supports HDCP 2.2
- Hybrid optical cable with fiber and copper wire
- Zinc alloy head-shells
- Self-detecting function for EDID information
- Supports computer resolutions to 18Gbps and 4K/60HZ (4:4:4)
- Wire: fibre (50/125um MMF) +7C copper wire OD:4.6- 4.8mm CL2 FT4 PVC Jacket
- 24k Gold plated connectors

Product Selector

Length	Part Number	Length	Part number
5M	HHOC-AD5	60M	HHOC-AD60
10M	HHOC-AD10	70M	HHOC-AD70
15M	HHOC-AD15	80M	HHOC-AD80
20M	HHOC-AD20	100M	HHOC-AD100
25M	HHOC-AD25	120M	HHOC-AD120
30M	HHOC-AD30	150M	HHOC-AD150
40M	HHOC-AD40	200M	HHOC-AD200
50M	HHOC-AD50		



ITEM	REV.	DESCRIPTION	DATE	APPROVED
	1.0	Release version		
△				
PIN ASSIGNMENT				
TYPE A PIN		Signal Name	TYPE D PIN	TYPE A PIN
3		TMDS DATA2+	1	1
4		TMDS DATA2 SHIELD	2	2
5		TMDS DATA2-	3	3
6		TMDS DATA1+	4	4
7		TMDS DATA1 SHIELD	5	5
8		TMDS DATA1-	6	6
9		TMDS DATA0+	7	7
10		TMDS DATA0 SHIELD	8	8
11		TMDS DATA0-	9	9
12		TMDS CLOCK+	10	10
13		TMDS CLOCK SHIELD	11	11
14		TMDS CLOCK-	12	12
15		CEC	13	13
2		UTILITY	14	14
17		SCL	15	15
18		SDA	16	16
16		DDC/CEC GROUND	17	17
19		+5V POWER	18	18
1		HOT PLUG DETECT	19	19
20		SHELL	20	20
HDMI 2.0 PCBA (TX)				
TYPE A PIN		Signal Name	TYPE D PIN	TYPE A PIN
3		TMDS DATA2+	1	1
4		TMDS DATA2 SHIELD	2	2
5		TMDS DATA2-	3	3
6		TMDS DATA1+	4	4
7		TMDS DATA1 SHIELD	5	5
8		TMDS DATA1-	6	6
9		TMDS DATA0+	7	7
10		TMDS DATA0 SHIELD	8	8
11		TMDS DATA0-	9	9
12		TMDS CLOCK+	10	10
13		TMDS CLOCK SHIELD	11	11
14		TMDS CLOCK-	12	12
15		CEC	13	13
2		UTILITY	14	14
17		SCL	15	15
18		SDA	16	16
16		DDC/CEC GROUND	17	17
19		+5V POWER	18	18
1		HOT PLUG DETECT	19	19
20		SHELL	20	20
HDMI 2.0 PCBA (RX)				
TYPE A PIN		Signal Name	TYPE D PIN	TYPE A PIN
3		TMDS DATA2+	1	1
4		TMDS DATA2 SHIELD	2	2
5		TMDS DATA2-	3	3
6		TMDS DATA1+	4	4
7		TMDS DATA1 SHIELD	5	5
8		TMDS DATA1-	6	6
9		TMDS DATA0+	7	7
10		TMDS DATA0 SHIELD	8	8
11		TMDS DATA0-	9	9
12		TMDS CLOCK+	10	10
13		TMDS CLOCK SHIELD	11	11
14		TMDS CLOCK-	12	12
15		CEC	13	13
2		UTILITY	14	14
17		SCL	15	15
18		SDA	16	16
16		DDC/CEC GROUND	17	17
19		+5V POWER	18	18
1		HOT PLUG DETECT	19	19
20		SHELL	20	20
PIN ASSIGNMENT				
TYPE A PIN		Signal Name	TYPE D PIN	TYPE A PIN
3		TMDS DATA2+	1	1
4		TMDS DATA2 SHIELD	2	2
5		TMDS DATA2-	3	3
6		TMDS DATA1+	4	4
7		TMDS DATA1 SHIELD	5	5
8		TMDS DATA1-	6	6
9		TMDS DATA0+	7	7
10		TMDS DATA0 SHIELD	8	8
11		TMDS DATA0-	9	9
12		TMDS CLOCK+	10	10
13		TMDS CLOCK SHIELD	11	11
14		TMDS CLOCK-	12	12
15		CEC	13	13
2		UTILITY	14	14
17		SCL	15	15
18		SDA	16	16
16		DDC/CEC GROUND	17	17
19		+5V POWER	18	18
1		HOT PLUG DETECT	19	19
20		SHELL	20	20
AOC HDMI Cable				
TYPE A PIN		Signal Name	TYPE D PIN	TYPE A PIN
3		TMDS DATA2+	1	1
4		TMDS DATA2 SHIELD	2	2
5		TMDS DATA2-	3	3
6		TMDS DATA1+	4	4
7		TMDS DATA1 SHIELD	5	5
8		TMDS DATA1-	6	6
9		TMDS DATA0+	7	7
10		TMDS DATA0 SHIELD	8	8
11		TMDS DATA0-	9	9
12		TMDS CLOCK+	10	10
13		TMDS CLOCK SHIELD	11	11
14		TMDS CLOCK-	12	12
15		CEC	13	13
2		UTILITY	14	14
17		SCL	15	15
18		SDA	16	16
16		DDC/CEC GROUND	17	17
19		+5V POWER	18	18
1		HOT PLUG DETECT	19	19
20		SHELL	20	20
CUSTOMER P/N				
TYPE A PIN		Signal Name	TYPE D PIN	TYPE A PIN
3		TMDS DATA2+	1	1
4		TMDS DATA2 SHIELD	2	2
5		TMDS DATA2-	3	3
6		TMDS DATA1+	4	4
7		TMDS DATA1 SHIELD	5	5
8		TMDS DATA1-	6	6
9		TMDS DATA0+	7	7
10		TMDS DATA0 SHIELD	8	8
11		TMDS DATA0-	9	9
12		TMDS CLOCK+	10	10
13		TMDS CLOCK SHIELD	11	11
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18		SDA	16	16
16		DDC/CEC GROUND	17	17
19		+5V POWER	18	18
1		HOT PLUG DETECT	19	19
20		SHELL	20	20
TOLERANCES: .X=±0.25 .XY=±0.05				
SCALE: 1/1 UNIT: mm				
DRAWN		CHECKED	APPROVED	DATE
				2019/07/03
MOULD				
ITEM				
①	SR, BLACK PVC 45P		10	G
②	HDMI TYPE A METAL SHELL		1	SET
③	ADAPTOR METAL SHELL		1	SET
④	METAL SHELL		1	SET
⑤	HDMI TYPE A 2.0 PCBA RX		1	PCS
⑥	HDMI TYPE D 2.0 PCBA TX		1	PCS
⑦	HDMI TYPE DF TO HDMI TYPE AM ADAPTOR		1	PCS
⑧	HDMI TYPE A MALE CONNECTOR, METAL SHELL GOLD PLATED		1	PCS
⑨	(50/125um FIBER*4C-MID)*1C+7/0.08T*3C+19/0.08T*3C+41/0.08T*1C+F+P PVC JACKET, COLOR: BLACK 00:4.8±0.2mm		1	M
⑩	HDMI TYPE D MALE CONNECTOR, METAL SHELL GOLD PLATED		1	PCS
DESCRIPTIONS				