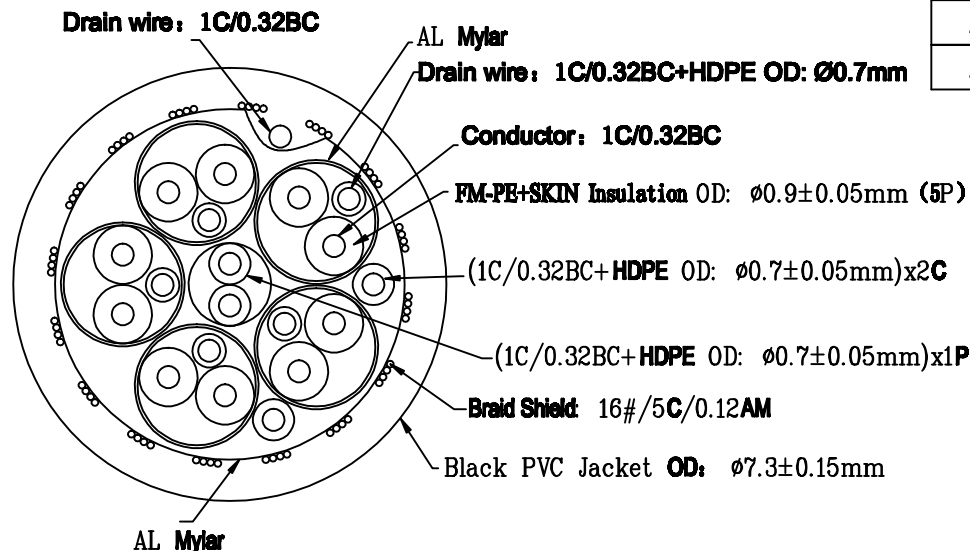


**PIN Assignment**

1		1	TMDS Data 2+
2		2	TMDS Data 2 shield
3		3	TMDS Data 2-
4		4	TMDS Data 1+
5		5	TMDS Data 1 shield
6		6	TMDS Data 1-
7		7	TMDS Data 0+
8		8	TMDS Data 0 shield
9		9	TMDS Data 0-
10		10	TMDS Clock+
11		11	TMDS Clock shield
12		12	TMDS Clock-
13		13	CEC
14		14	Utility/HEAC+
17		17	DDC/CEC/HEAC GND
19		19	HPD/HEAC-
15		15	SCL
16		16	SDA
18		18	5V Power
Shell		Shell	

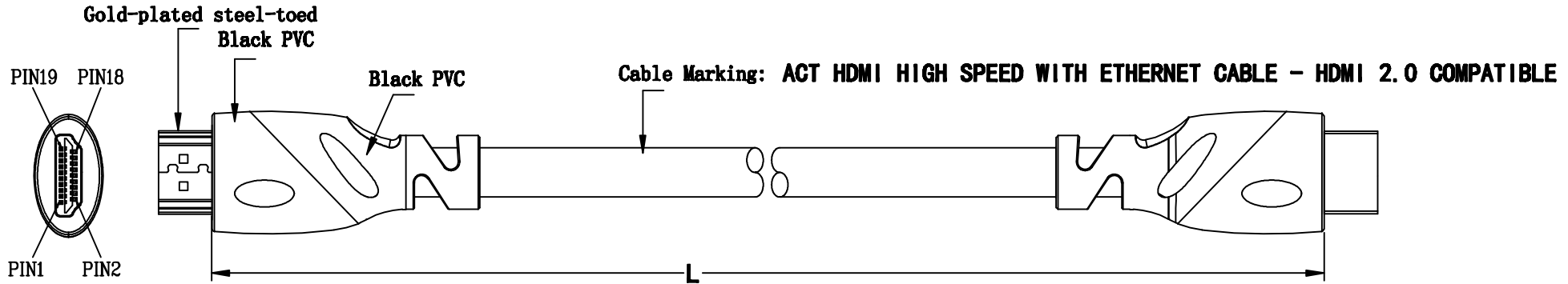
Consumer Item	Length
AK3840	0.5M ± 20mm
AK3841	1.0M ± 20mm
AK3842	1.5M ± 30mm
AK3843	2.0M ± 30mm
AK3844	3.0M ± 30mm
AK3845	5.0M ± 50mm



**Electrical Test:**

1. Max resolution 2160P@30
2. RoHS compliant
3. 100% test (open, short, miss wire)

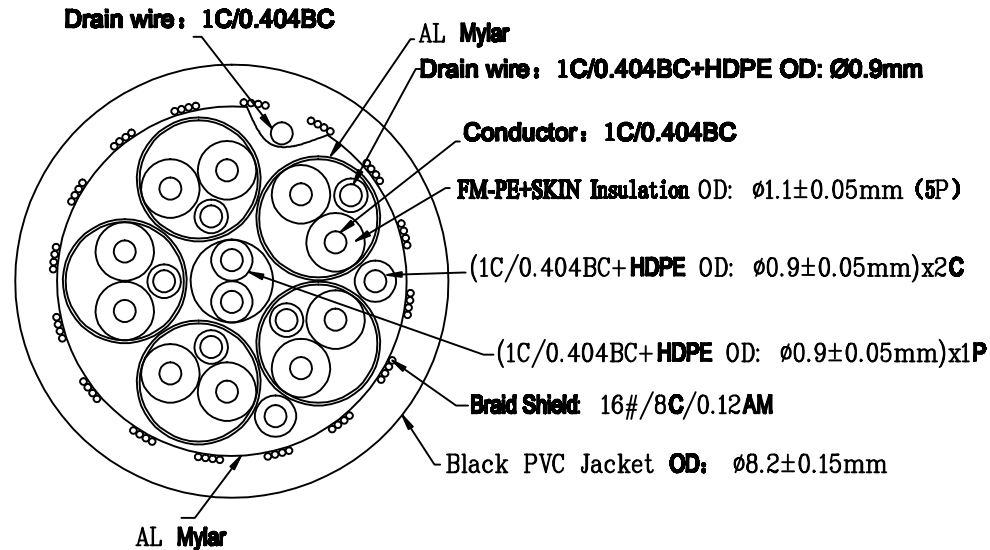
<b>AC</b>	DESCRIPTION	FINISHED PRODUCT'S FIGURE	SCALE	FIT	UNITS: MM	1RD ANGLE
	MODEL NO.		△			
APPROVED	CHECKED	DRAWING	DESIGNER	DRAWING NO.		
		HUANG		FINISHING		
				MATERIAL		
				SYM	2015/05/08	A1
				DATE		REVISION



Consumer Item	Length
<b>AK3846</b>	<b>10M ± 100mm</b>
<b>AK3847</b>	<b>15M ± 100mm</b>
<b>AK3849</b>	<b>75M ± 100mm</b>

### PIN Assignment

1	1	TMDS Data 2+
2	2	TMDS Data 2 shield
3	3	TMDS Data 2-
4	4	TMDS Data 1+
5	5	TMDS Data 1 shield
6	6	TMDS Data 1-
7	7	TMDS Data 0+
8	8	TMDS Data 0 shield
9	9	TMDS Data 0-
10	10	TMDS Clock+
11	11	TMDS Clock shield
12	12	TMDS Clock-
13	13	CEC
14	14	Utility/HEAC+
17	17	DDC/CEC/HEAC GND
19	19	HPD/HEAC-
15	15	SCL
16	16	SDA
18	18	5V Power
Shell	Shell	Shell



### Electrical Test:

1. Max resolution 2160P@30
2. RoHS compliant
3. 100% test (open, short, miss wire)

<b>ACT</b>				DESCRIPTION	FINISHED PRODUCT'S FIGURE	SCALE	FIT	UNITS: MM	1RD ANGLE
				MODEL NO.		△			
APPROVED	CHECKED	DRAWING	DESIGNED	DRAWING NO.		△			
		HUANG		FINISHING		△	2015/05/08		A1
				MATERIAL		SYM	DATE		REVISION

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