

PIN OUT

P1	PCBA (1692)	PCBA	Wire Color	P2	SIGNAL NAME
1		1	RED	1	TMDS Data2+
3		3	WHITE	3	TMDS Data2-
2		2	D.W	2	TMDS Data2 Shield
4		4	BROWN	4	TMDS Data1+
6		6	WHITE	6	TMDS Data1-
5		5	D.W	5	TMDS Data1 Shield
7		7	BLUE	7	TMDS Data0+
9		9	WHITE	9	TMDS Data0-
8		8	D.W	8	TMDS Data0 Shield
10		10	GREEN	10	TMDS Clock+
12		12	WHITE	12	TMDS Clock-
11		11	D.W	11	TMDS Clock- Shield
13		13	RED	13	CEC
14		14	BLACK	14	UTILITY
19		19	WHITE	19	Hot Plug Detect
17		17	D.W	17	DDC/CED Ground
15		15	YELLOW	15	SCL
16		16	PURPLE	16	SDA
18		18	WHITE	18	+5V Power
SHELL		SHELL	D.W	SHELL	

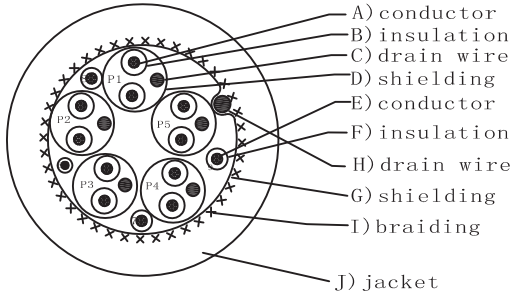
NOTE:

- CABLE:(26#7/0.16mmTC\*1P+DAM)\*5+26#\*4C+ADB  
PVC JACKET:BLACK(BK0101);V1.4 OD:8.5±0.20mm  
MARK: High Speed HDMI Cable with Ethernet  
+CABLE UL No.
- CONNECTORS:  
HDMI A/M,CONTACT:3U",SHELL:1U",INSULATION:BLACK.
- ELECTUONICAL TEST:  
(1).100% OPEN SHORT & MISS WIRE TEST  
(2).INSULATION: DC 300V/0.01s 5Mohm Min  
(3).CONTACTOR RESISTANCE: 2 ohm
- ROHS compliant

9	Chip Identification label	1PCS	Black bright silver dragon material,Label size:60*12mm, Black gold word : ■Built-in Booster ■Connect to Display	
8	Outer Molding	0.012kg	45P PVC black (BK0101)	
7	PE	0.008kg	PE:LDPE NATURE	
6	H.S TUBE	5PCS	∅2.5mm*L8mm BLACK SUPER THIN T=0.2±0.02MM	
5	H.S TUBE	7PCS	∅1.0mm*L16mm BLACK SUPER THIN T=0.2±0.02MM	
4	long cable reapter SMD module	1PCS	Redmere Chip (1692)	
3	HDMI	1PCS	HDMI A TYPE,19P MALE,PCB SOLDERING TYPE ,GOLD PLATED 3U",SHELL GOLD PLATED 1U" SOLDER	
2	HDMI	1PCS	HDMI A TYPE 19P/M,GOLD PLATED 3U",SHELL GOLD PLATED 1U" SOLDER	
1	CABLE	1PCS	(26#7/0.16mmTC*1P+DAM)*5+26#*4C+ADB PVC JACKET:BLACK(BK0101);V1.4 OD:8.5±0.20mm	
ITEM	PART NO.	PART NAME	QTY.	MATERIAL



P/N		Construction	HDMI [(26AWG7/0.16T*1P+DAM)*5P+26AWG*4C]+ADB
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Color Code

Unit A:	Unit C:
P1:white Black	6:red
P2:white Green	7:white
P3:white Red	8:yellow
P4:white Brown	9:purple
P5:white Blue	

Item		Unit A(A & D)	Unit B(K)	Unit C(E & F)
NO. of conductor (p. c)		5Pairs		4Cores
Conductor (A) 导体	Material (材质)	Tinned Copper wire Stranded		Tinned Copper wire Stranded
	Filler (填充)	-----		-----
	Construction (结构)	26AWG:7strands/0.16±0.008mm		26AWG:7strands/0.16±0.008mm
Insulation (B) 绝缘	Material (材质)	FoamPE+SKIN		HD-PE
	Thickness (厚度)	0.3mm (REF)		0.2mm (REF)
	Diameter (外径)	1.25±0.05mm		0.90±0.05mm
Drain Wire (C) 地线	Material (材质)	Tinned Copper Wire Stranded		
	Construction (结构)	26AWG:7strands/0.16±0.008mm		
Shielding (D) 遮蔽	Material (材质)	Aluminum Foil Mylar		
	over Lapping (重叠率)	100% coverage with 25%overlapping 不可松散		
Shielding (G) 遮蔽	Material (材质)	Aluminum Mylar Spirally Wrapped		
	over Lapping (重叠率)	100% coverage with 25%overlapping		
Drain Wire (H) 地线	Material (材质)	Bare Copper Wire Stranded		
	Construction (结构)	26AWG:7strands/0.16±0.008mm		
Braid Shield (I) 编织	Material (材质)	Aluminum magnesium Wire Stranded		
	Construction (结构)	16*9/0.12±0.008mm		
	Coverage (遮蔽率)	≥65%		
Jacket (J) 外被	Material (材质)	PVC COLOR FOR BLACK (HALF MATT)		
	Thickness (平均厚度)	0.6±0.05mm (REF)		
	Diameter (外被线径)	8.50±0.15mm		

Marking (印字内容): High Speed HDMI™ Cable With Ethernet Exxxxxx 兄 AWM STYLE 20276 80°C 30V VW-1

Character Height (字体高度): 1.2±0.05MM

Marking color (印字颜色): White (实体白色)

ELECTRIC CHARACTERS:

TESTING ITEM (测试项目)	26AWG	
Conductor Resistance (导体电阻)	Max. 148.9 oms/km at 20°C	
Insulation Resistance (绝缘电阻)	Min. 100 mega ohms km at 20°C	
Dielectric Test 耐电压	500VAC/min; NO Breakdown	
Impedance 特性阻抗	100±10ohms	
Intra-skew 延迟差	111ps/cable MAX	
	Frequency (Mhz) 频率	Attenuation (maximum) 衰减dB/CABLE
	825MHZ-2475MHZ	-5dB...-12dB
	2475MHZ-4125MHZ	-12dB...-20dB
Attenuation 衰减	4125MHZ-5100MHZ	-20dB...-25dB