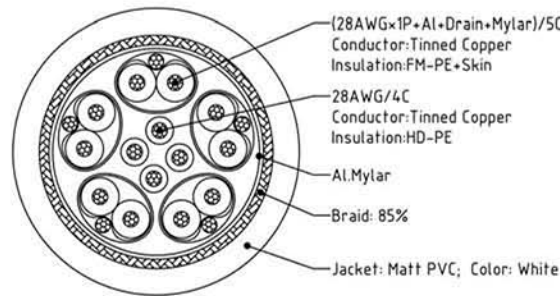


**Wire Details(Scale 8:1)**



Cable marking(color:Grey)  
High Speed HDMI Cable with Ethernet E301195 兎 AWM STYLE 20276 80°C 30V VW-1

**Electrical character:**

- 1)100% Open/short/Intermittent testing
- 2)Withstanding voltage:DC 300V AT 10ms.
- 3)Insulation resistance:20M Ohm(min)
- 4)Residual operating current:
  - a.<1M=0.5mA; b.1.0~2.0M=1.0mA;
  - c.2.0~3.0M=2.0mA; d.3.0~5.0M=3.0mA;
  - e.5.0~10M=5.0mA; f.10~15M=7.0mA;
- 5)Conductive resistance:2 Ohm max.


HDMI14-6-MM      6.5 ft ± 1.57"  
HDMI14-8-MM      9.8 ft ± 2.36"

**PIN ASSIGNMENT**

HDMI 19M		HDMI 19M
3	Red	3 TMDS data2-
1	White	1 TMDS data2+
2	Drain	2 TMDS data2 Shield
6	Green	6 TMDS data1-
4	White	4 TMDS data1+
5	Drain	5 TMDS data1 Shield
9	Blue	9 TMDS data0-
7	White	7 TMDS data0+
8	Drain	8 TMDS data0 Shield
12	Brown	12 TMDS Clock-
10	White	10 TMDS Clock+
11	Drain	11 TMDS Clock Shield
19	Black	19 HPD/ HEAC-
14	White	14 Utility/ HEAC+
17	Drain	17 DDC/CEC/HEAC GND
13	Purple	13 CEC
15	Yellow	15 SCL
16	White	16 SDA
18	Red	18 +5V Power
SHELL	Braid	SHELL

5	Overmold	PVC 70Pa PANTONE Orange 021C UL94V-0
4	Firstmold	PVC 45Pa White UL94V-0
3	Innermold	PE Low density
2	Conn	HDMI 19P/M 15u"/Au Black Shell-Steel G/F Plated Solder type
1	Cable	HDMI 1.4V Cable UL20276 (28#TS/1P+A+D+M)/5C+28#/4C-A+B(85%) OD7.3mm PVC Jacket:White Impedance:100+/-10 Ohm
NO.	PART NAME	SPEC DESCRIPTION

**VPI VIDEO PRODUCTS INCORPORATED**  
1275 Danner Drive Aurora, Ohio 44202  
Tel: 1-800-626-7801 Fax: 330-562-1999  
www.vpi.us sales@vpi.us

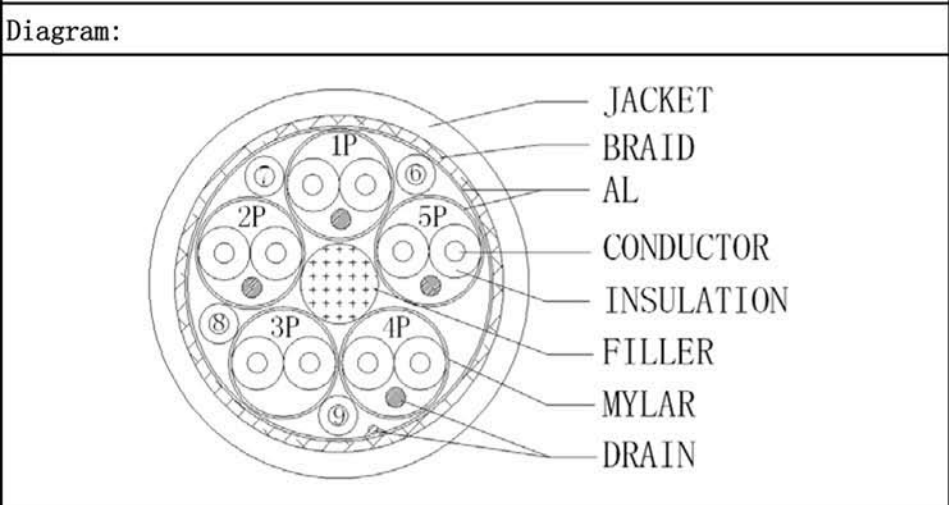
COMPONENT		COMPONENT A	COMPONENT B
Conductor	Constitution AWG/in	7/.005T (28AWG )	7/.005T (28AWG )
	Material	TINNED COPPER STRANDED	TINNED COPPER STRANDED
	Cabling OD in	.014 (REF)	.014 (REF)
Insulation	NO of wire	5P	4
	Material	FOAM-PE-SKIN	HD-PE
	OD in	.39±.019	.029±.019
	Thickness in	.011(REF)	.007(REF)
	Color	1. WHITE&BLACK 2. WHITE&BROWN 3. WHITE&RED 4. WHITE&GREEN 5. WHITE&BLUE	6. RED 7. YELLOW 8. WHITE 9. PURPLE
Shield	Constitution N/in	7/.005(28AWG)	/
	Al	AL. FACE INSIDE	/
	Mylar	TRANSPARENT MYLAR	/
	Filler	FILLER	
	Al	AL. FACE OUTSIDE	
	Constitution N/in	7/.005(28AWG)	
	Constitution N/in	.62/.19/.004	
	Coverage %	85%	
Jacket	Material	PVC	
	OD in	.28 ±.007	
	Thickness in	0.01(REF)	
	Marking	High Speed HDMI Cable with Ethernet E301195  AWM 80°C 30V VW-1	
	Marking Color	BLACK	
	Hardness A	SHORE. A 75±3	
	Color	WHITE	
Style	UL20276		

**Electric Characters:**

1. Voltage rating: 30V
2. Temperature rating: 80°C
3. Spark test:AC- 1500V/In the air
4. Dielectric strength: AC-500V/1 sec MIN
5. Insulation resistance: FOAM-PE/PE DC-500V 100MΩ.KM MIN. at 20°C
6. Conductor resistance: 28AWG-237 Ω/KM MAX at 20°C

**Physical Characters:**

1. Tensile strength test are before aging:  
JACKET:1500PSI min Aged:70% min
2. Elongation before aging:  
JACKET:100% min Aged:65% min
3. flame test of cable:  
VW-1



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