
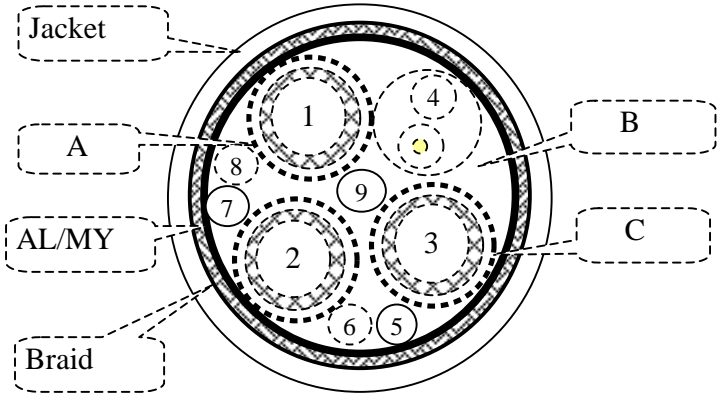



DVI CABLE (3Coax'+1P+5C) Digital Visual Interface

	電線規格書 CABLE SPECIFICATION		File No. : Std.
			Data : 2005.11.01
產品名稱 (P/N)	DVI CABLE (3Coax'+1P+5C) Digital Visual Interface		
一、Construction :	{[30Awg(7/0.103)×1C+BD]×3C+28Awg(7/0.127)×1P+28Awg(7/0.127)×5C+AL/MY +BD.] Tin		
Coaxial jacket: 1.Blue 2.Red 3.Green (Coaxia cord is natural) 4.Yellow×Orange 5.Red 6.Green 7.White 8.Black 9.Brown			
結構說明(Construction Description)			
項目 Item	單位 Unit	內容 Description	
導體 A Conductor (Coaxial)	材質 Material	-	鍍錫軟銅線 Tinned Copper
	構成 Construction	-	30Awg (7 / 0.103)
	外徑 O.D.	m/m	0.31
絕緣A Insulation (Coaxial)	材質 Material	-	FOAM-PE(Foam-Skin)
	厚度 Thickness	m/m	0.5
	外徑 O.D.	m/m	1.30 ± 0.1
遮蔽 Shield	材質 Material	-	鍍錫軟銅線 Tinned Copper
	構成 Construction	-	16/5/0.1
	遮蔽率 Coverage	-	over 85%
同軸外被 Coaxial	材質 Material	-	PVC
	厚度 Thickness	m/m	0.25
	外徑 O.D.	m/m	2.15 ± 0.1

DVI CABLE (3Coax'+1P+5C) Digital Visual Interface


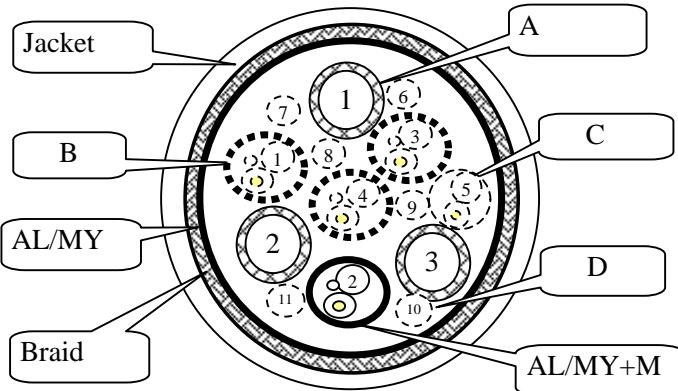
	電線規格書 CABLE SPECIFICATION			TEL : 5509714
				Fax. : 5508946
導體 B Conductor	材質 Material	-	鍍錫軟銅線 Tinned Copper	
	構成 Construction	-	28Awg (7 / 0.127)	
	外徑 O.D	m/m	0.388	
絕緣 B Insulation	材質 Material	-	HD-PE	
	厚度 Thickness	m/m	0.15	
	外徑 O.D	m/m	0.7 ± 0.05	
絞對組 Twist pair	絞距 Pitch	m/m	絞距23m/m, 右絞 . Pitch 23M/M, right revolve.	
導體 C Conductor	材質 Material	-	鍍錫軟銅線 Tinned Copper	
	構成 Construction	-	28Awg (7 / 0.127)	
	外徑 O.D	m/m	0.388	
絕緣 C Insulation	材質 Material	-	HD-PE	
	厚度 Thickness	m/m	0.15	
	外徑 O.D	m/m	0.7 ± 0.05	
總絞 Layer	絞距 Pitch	m/m	絞距80~100 Pitch 80~100	
遮蔽 Shield	AL/MY	m/m	25m/m, 重疊率(overlap) 25%以上	
	材質 Material	-	鍍錫軟銅線 Tinned Copper	
	構成 Construction	-	24/8/0.12	
	遮蔽率 Coverage	%	超過(Over) 85%	
外被 Jacket	材質 Material	-	PVC	
	厚度 Thickness	m/m	0.8	
	外徑 O.D	m/m	7.3 ± 0.2	
印字內容 Marking		PAN-INTERNATIONAL 20276 E87647-DG 兄 AWM 80 30V VW-1		

DVI CABLE (3Coax'+1P+5C) Digital Visual Interface

	電線規格書		TEL : 5509714
	CABLE SPECIFICATION		Fax. : 5508946
二、電氣特性表(Electrical Characteristic) :			
溫度等級 Temperature Rating	80		
電壓等級 Voltage Rating	30V		
UL型號 UL Style	20276		
耐燃等級 Flame Retardant Properties	VW-1		
導體電阻 Conductor Resistance	30AWG:376 /km 28AWG : 237 /km Max. at 20		
絕緣電阻 Insulation Resistance	DC 500V 10 M /m Min.		
絕緣耐壓 Insulation Hi-POT	AC- 250V/1Sec Min.		
電容 Mutual Capacitance	57 pf / M at 1KHz Nominal (Coax')		
特性阻抗(Signal) Impedance	75 ± 5 (Coax').		
時間延遲 Time Delay	1.30ns/FT Nominal (Coax')		

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DVI CABLE (3Coax'+4P+1P+6C) Digital Visual Interface

	電線規格書 CABLE SPECIFICATION		File No. : Std.
			Data : 2005.11.01
產品名稱 (P/N)	DVI CABLE (3Coax'+4P+1P+6C) Digital Visual Interface		
一、 Construction : { [30Awg(7/0.103)×1C+BD]×3C+[28Awg(7/0.127)×1P+D.W(7/0.127)+AL/MY+MY]×4C+28Awg(7/0.127)×1P+28Awg(7/0.127)×3C+AL/MY+BD. } Tin			
Coaxial jacket: 1.Blue 2.Red 3.Green (Coaxia cord is natural) Core: 1.White×Brown 9.Black 2.White×Red 10.Brown 3.White×Green 11.Green 4.White×blue 5.Yellow×Orange 6.Red 7.Violet 8.White			
結構說明(Construction Description)			
項目 Item	單位 Unit	內容 Description	
導體 A Conductor (Coaxial)	材質 Material	-	鍍錫軟銅線 Tinned Copper
	構成 Construction	-	30Awg (7 / 0.103)
	外徑 O.D.	m/m	0.31
絕緣A Insulation (Coaxial)	材質 Material	-	FOAM-PE(Foam-Skin)
	厚度 Thickness	m/m	0.5
	外徑 O.D.	m/m	1.30 ± 0.1
遮蔽 Shield	材質 Material	-	鍍錫軟銅線 Tinned Copper
	構成 Construction	-	16/5/0.1
	遮蔽率 Coverage	-	over 90%
同軸外被 Coaxial	材質 Material	-	PVC
	厚度 Thickness	m/m	0.25
	外徑 O.D.	m/m	2.15 ± 0.1


DVI CABLE (3Coax'+4P+1P+6C) Digital Visual Interface

	電線規格書 CABLE SPECIFICATION			TEL : 5509714
				Fax. : 5508946
導體 B Conductor (Signal)	材質 Material	-	鍍錫軟銅線 Tinned Copper	
	構成 Construction	-	28Awg(7/0.127)	
	外徑 O.D	m/m	0.388	
絕緣 B Insulation (Signal)	材質 Material	-	Foam-PE (or Foam-Skin)	
	厚度 Thickness	m/m	0.28	
	外徑 O.D	m/m	0.95 ± 0.05	
地線 Drain	材質 Material	-	28Awg(7/0.127), 鍍錫軟銅線 Tinned Copper	
絞對組 Twist pair	絞距 Pitch	m/m	絞距23m/m, 右絞 Pitch 23M/M, right revolve.	
	遮蔽 Shield	-	AL/MY+MY(AL/MY:10mm MY :12mm), 重疊率25%以上, 共四組。 AL/MY+MY(AL/MY:10mm MY side:12mm), overlap 25%, four pairs.	
導體 C Conductor	材質 Material	-	鍍錫軟銅線 Tinned Copper	
	構成 Construction	-	28Awg (7 / 0.127)	
	外徑 O.D	m/m	0.388	
絕緣 C Insulation	材質 Material	-	HD-PE	
	厚度 Thickness	m/m	0.15	
	外徑 O.D	m/m	0.7 ± 0.05	
絞對組 Twist pair	絞距 Pitch	m/m	絞距23m/m, 右絞 . Pitch 23M/M, right revolve.	
導體 D Conductor	材質 Material	-	鍍錫軟銅線 Tinned Copper	
	構成 Construction	-	28Awg (7 / 0.127)	
	外徑 O.D	m/m	0.388	
絕緣 D Insulation	材質 Material	-	HD-PE	
	厚度 Thickness	m/m	0.15	
	外徑 O.D	m/m	0.7 ± 0.05	
總絞 Layer	絞距 Pitch	m/m	絞距80~100 Pitch 80~100	

DVI CABLE (3Coax'+4P+1P+6C) Digital Visual Interface

	電線規格書 CABLE SPECIFICATION			TEL : 5509714					
				Fax. : 5508946					
遮蔽 Shield	AL/MY	m/m	25m/m, 重疊率(overlap) 25%以上						
	材質 Material	-	鍍錫軟銅線 Tinned Copper						
	構成 Construction	-	24/8/0.12						
	遮蔽率 Coverage	%	超過(Over) 85%						
外被 Jacket	材質 Material	-	PVC						
	厚度 Thickness	m/m	0.8						
	外徑 O.D	m/m	8.6 ± 0.2						
印字內容 Marking	PAN-INTERNATIONAL 20276 E87647-DG 兄 AWM 80 30V VW-1								
二、電氣特性表(Electrical Characteristic) :									
溫度等級 Temperature Rating	80								
電壓等級 Voltage Rating	30V								
UL型號 UL Style	20276								
耐燃等級 Flame Retardant Properties	VW-1								
導體電阻 Conductor Resistance	30AWG:376 28AWG : 237 /km Max. at 20								
絕緣電阻 Insulation Resistance	DC 500V 10 M /m Min.								
絕緣耐壓 Insulation Hi-POT	AC- 250V/1Sec Min.								
電容 Mutual Capacitance	Coax':57pf/M at 1KHz Pairs: 46 pf / M Nominal (TMDS*)								
特性阻抗(Sigantl) Impedance	Coax':75± 5 Pairs: 100 ± 10 (Differential at TDR). (TMDS)								
衰減 Attenuation (100ft)	1	10	50	100	200	400	600	800	Mhz
	1.3	5	9.7	13	19	26	32	37	dB


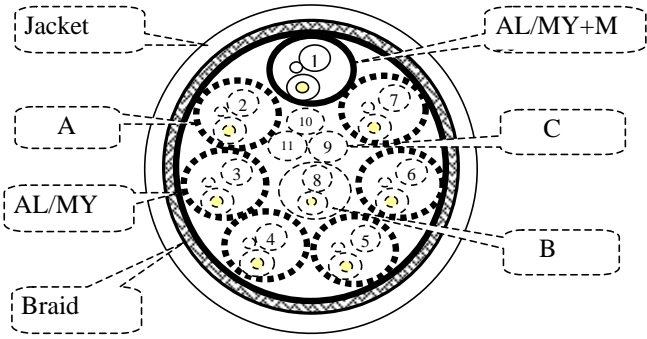
DVI CABLE (3Coax'+4P+1P+6C) Digital Visual Interface

	電線規格書		TEL : 5509714
	CABLE SPECIFICATION		Fax. : 5508946
時間延遲 Time Delay	Coax':1.30ns/FT(Nominal) Pairs:1.43ns/FT (TMDS)		
時間延遲差異 Time delay skew	Between Pair:85.3 ps/M Max. (TMDS) Within a pair:32.8 ps/M Max. (TMDS)		
遠端串音 Far End Cross Talk	5.0% Max. in 10 Meters @ 300 psec rise-time (TMDS)		


*** TMDS : Transition Minimized Differential Signaling**

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DVI CABLE (7P+1P+3C) Digital Visual Interface

		電線規格書		File No. : Std.											
		CABLE SPECIFICATION		Data : 2005.11.1											
產品名稱 (P/N)		DVI CABLE (7P+1P+3C) Digital Visual Interface													
一、Construction :		{[28Awg(7/0.127)×1P+D.W(7/0.127)+AL/MY+MY]×7C+28Awg(7/0.127)×1P+28Awg(7/0.127)×3C+AL/MY/AL+BD.] Tin													
<table border="1" style="width: 100%;"> <tr><td>1.White×Brown</td></tr> <tr><td>2.White×Red</td></tr> <tr><td>3.White×Green</td></tr> <tr><td>4.White×Blue</td></tr> <tr><td>5.Grey×Black</td></tr> <tr><td>6.Pink×Orange</td></tr> <tr><td>7.L-blue×Purple</td></tr> <tr><td>8.Yellow×Orange</td></tr> <tr><td>9.Red</td></tr> <tr><td>10.Violet</td></tr> <tr><td>11.White</td></tr> </table>		1.White×Brown	2.White×Red	3.White×Green	4.White×Blue	5.Grey×Black	6.Pink×Orange	7.L-blue×Purple	8.Yellow×Orange	9.Red	10.Violet	11.White			
1.White×Brown															
2.White×Red															
3.White×Green															
4.White×Blue															
5.Grey×Black															
6.Pink×Orange															
7.L-blue×Purple															
8.Yellow×Orange															
9.Red															
10.Violet															
11.White															
結構說明(Construction Description)															
項目 Item	單位 Unit	內容 Description													
導體 A Conductor (Signal)	材質 Material	-	鍍錫軟銅線 Tinned Copper												
	構成 Construction	-	28Awg(7/0.127)												
	外徑 O.D	m/m	0.388												
絕緣 A Insulation (Signal)	材質 Material	-	Foam-PE (or Foam-Skin)												
	厚度 Thickness	m/m	0.28												
	外徑 O.D	m/m	0.95 ± 0.05												
地線 Drain	材質 Material	-	28Awg(7/0.127), 鍍錫軟銅線 Tinned Copper												
絞對組 Twist pair	絞距 Pitch	m/m	絞距23m/m, 右絞 Pitch 23M/M, right revolve.												
	遮蔽 Shield	-	AL/MY+MY(AL/MY:10mm MY :12mm), 重疊率25%以上, 共七組。 AL/MY(AL/MY:10mm MY :12mm), overlap 25%, seven pairs.												
導體 B Conductor	材質 Material	-	鍍錫軟銅線 Tinned Copper												
	構成 Construction	-	28Awg (7 / 0.127)												
	外徑 O.D	m/m	0.388												
絕緣 B Insulation	材質 Material	-	HD-PE												
	厚度 Thickness	m/m	0.15												
	外徑 O.D	m/m	0.7 ± 0.05												

DVI CABLE (7P+1P+3C) Digital Visual Interface

	電線規格書 CABLE SPECIFICATION			TEL : 2211-3066
				Fax : 2211-2463
絞對組 Twist pair	絞距 Pitch	m/m	絞距23m/m, 右絞 . Pitch 23M/M, right revolve.	
導體 C Conductor	材質 Material	-	鍍錫軟銅線 Tinned Copper	
	構成 Construction	-	28Awg (7 / 0.127)	
	外徑 O.D	m/m	0.388	
絕緣 C Insulation	材質 Material	-	HD-PE	
	厚度 Thickness	m/m	0.15	
	外徑 O.D	m/m	0.7 ± 0.05	
總絞 Layer	絞距 Pitch	m/m	絞距80~100 Pitch 80~100	
遮蔽 Shield	AL/MY	m/m	25m/m, 重疊率(overlap) 25%以上	
	材質 Material	-	鍍錫軟銅線 Tinned Copper	
	構成 Construction	-	24/8/0.12	
	遮蔽率 Coverage	%	超過(Over) 85%	
外被 Jacket	材質 Material	-	PVC	
	厚度 Thickness	m/m	0.8	
	外徑 O.D	m/m	8.6 ± 0.2	
印字內容 Marking	PAN-INTERNATIONAL 20276 E87647-DG AWM 80 30V VW-1			
二、電氣特性表(Electrical Characteristic) :				
溫度等級 Temperature Rating	80			
電壓等級 Voltage Rating	30V			
UL型號 UL Style	20276			
耐燃等級 Flame Ratardant Properties	VW-1			
導體電阻 Conductor Resistance	28AWG : 237 /km Max. at 20			
絕緣電阻 Insulation Resistance	DC 500V 10 M /m Min.			
絕緣耐壓 Insulation Hi-POT	AC- 250V/1Sec Min.			


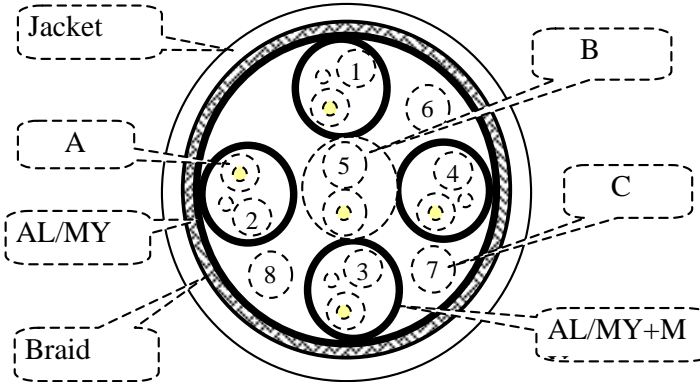
DVI CABLE (7P+1P+3C) Digital Visual Interface

	電線規格書							TEL : 5509714	
	CABLE SPECIFICATION							Fax : 5508946	
電容 Mutual Capacitance	46 pf / M Nominal (TMDS*)								
特性阻抗(Sigal) Impedance	100 ± 10 (Differential at TDR). (TMDS)								
衰減 Attenuation (100ft)	1	10	50	100	200	400	600	800	Mhz
	1.3	5	9.7	13	19	26	32	37	dB
時間延遲 Time Delay	1.43ns/Feet								
時間延遲差異 Time delay skew	Between Pair:85.3 ps/M Max. (TMDS) Within a pair:32.8 ps/M Max. (TMDS)								
遠端串音 Far End Cross Talk	5.0% Max. in 10 Meters @ 300 psec rise-time (TMDS)								

*** TMDS : Transition Minimized Differential Signaling**

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DVI CABLE (4P+1P+3C) Digital Visual Interface

		電線規格書		File No. : Std.								
		CABLE SPECIFICATION		Data : 2005.11.1								
產品名稱 (P/N)		DVI CABLE (4P+1P+3C) Digital Visual Interface										
一、Construction :		$\{ [28\text{Awg}(7/0.127) \times 1\text{P} + \text{D.W}(7/0.127) + \text{AL}/\text{MY} + \text{MY}] \times 4\text{C} + 28\text{Awg}(7/0.127) \times 1\text{P} + 28\text{Awg}(7/0.127) \times 3\text{C} + \text{AL}/\text{MY} + \text{BD.} \}$ Tin										
Color :		{ [28Awg(7/0.127) × 1P + D.W(7/0.127) + AL/MY+MY] × 4C + 28Awg(7/0.127) × 1P + 28Awg(7/0.127) × 3C + AL/MY+BD. } Tin										
<table border="1"> <tr><td>1. White×Brown</td></tr> <tr><td>2. White×Red</td></tr> <tr><td>3. White×Green</td></tr> <tr><td>4. White×blue</td></tr> <tr><td>5. Yellow×Orange</td></tr> <tr><td>6. Red</td></tr> <tr><td>7. Violet</td></tr> <tr><td>8. White</td></tr> </table>		1. White×Brown	2. White×Red	3. White×Green	4. White×blue	5. Yellow×Orange	6. Red	7. Violet	8. White			
1. White×Brown												
2. White×Red												
3. White×Green												
4. White×blue												
5. Yellow×Orange												
6. Red												
7. Violet												
8. White												
結構說明(Construction Description)												
項目 Item	單位 Unit	內容 Description										
導體 A Conductor (Signal)	材質 Material	-	鍍錫軟銅線 Tinned Copper									
	構成 Construction	-	28Awg(7/0.127)									
	外徑 O.D	m/m	0.388									
絕緣 A Insulation (Signal)	材質 Material	-	Foam-PE (or Foam-Skin)									
	厚度 Thickness	m/m	0.28									
	外徑 O.D	m/m	0.95 ± 0.05									
地線 Drain	材質 Material	-	28Awg(7/0.127) , 鍍錫軟銅線 Tinned Copper									
絞對組 Twist pair	絞距 Pitch	m/m	絞距23m/m , 右絞 Pitch 23M/M, right revolve.									
	遮蔽 Shield	-	AL/MY+MY(AL/MY:10mm MY :12mm) , 重疊率25%以上 , 共四組。 AL/MY(AL/MY:10mm MY :12mm), overlap 25%, four pairs.									
導體 B Conductor	材質 Material	-	鍍錫軟銅線 Tinned Copper									
	構成 Construction	-	28Awg (7 / 0.127)									
	外徑 O.D	m/m	0.388									
絕緣 B Insulation	材質 Material	-	HD-PE									
	厚度 Thickness	m/m	0.15									
	外徑 O.D	m/m	0.7 ± 0.05									

DVI CABLE (4P+1P+3C) Digital Visual Interface

	電線規格書 CABLE SPECIFICATION			TEL : 2211-3066
				Fax. : 2211-2463
絞對組 Twist pair	絞距 Pitch	m/m	絞距23m/m, 右絞 . Pitch 23M/M, right revolve.	
導體 C Conductor	材質 Material	-	鍍錫軟銅線 Tinned Copper	
	構成 Construction	-	28Awg (7 / 0.127)	
	外徑 O.D	m/m	0.388	
絕緣 C Insulation	材質 Material	-	HD-PE	
	厚度 Thickness	m/m	0.15	
	外徑 O.D	m/m	0.7 ± 0.05	
總絞 Layer	絞距 Pitch	m/m	絞距80~100 Pitch 80~100	
遮蔽 Shield	AL/MY	m/m	25m/m, 重疊率(overlap) 25%以上	
	材質 Material	-	鍍錫軟銅線 Tinned Copper	
	構成 Construction	-	24/8/0.12	
	遮蔽率 Coverage	%	超過(Over) 85%	
外被 Jacket	材質 Material	-	PVC	
	厚度 Thickness	m/m	0.8	
	外徑 O.D	m/m	7.3 ± 0.2	
印字內容 Marking	PAN-INTERNATIONAL 20276 E87647-DG 兄 AWM 80 30V VW-1			
二、電氣特性表(Electrical Characteristic) :				
溫度等級 Temperature Rating	80			
電壓等級 Voltage Rating	30V			
UL型號 UL Style	20276			
耐燃等級 Flame Ratardant Properties	VW-1			
導體電阻 Conductor Resistance	28AWG : 237 /km Max. at 20			
絕緣電阻 Insulation Resistance	DC 500V 10 M /m Min.			
絕緣耐壓 Insulation Hi-POT	AC- 250V/1Sec Min.			

DVI CABLE (4P+1P+3C) Digital Visual Interface

	電線規格書							TEL : 5509714	
	CABLE SPECIFICATION							Fax. : 5508946	
電容 Mutual Capacitance	46 pf / M Nominal (TMDS*)								
特性阻抗(Signal) Impedance	100 ± 10 (Differential at TDR). (TMDS)								
衰減 Attenuation (100ft)	1	10	50	100	200	400	600	800	Mhz
	1.3	5	9.7	13	19	26	32	37	dB
時間延遲 Time Delay	1.43ns/FT								
時間延遲差異 Time delay skew	Between Pair:85.3 ps/M Max. (TMDS)								
	Within a pair:32.8 ps/M Max. (TMDS)								
遠端串音 Far End Cross Talk	5.0% Max. in 10 Meters @ 300 psec rise-time (TMDS)								

*** TMDS : Transition Minimized Differential Signaling**

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