



COLOR CODE
 28AWG/4P:[White,Red][White,Brown]
 [White,Green][White,Blue]
 28AWG/1P:Yellow,Orange
 28AWG/5C:Black,Brown,Purple,White,Red

DESCRIPTION规格描述		UL20276 28AWG/4P+1P+5C+AEB HDMI-1.3a Cat2 CABLE		
ITEM		Unit A	Unit B	Unit C
CONDUCTOR 导体	AWG线规	28AWG/4P	28AWG/1P	28AWG/5C
	MATERIAL材质	Tinned copper wire	Tinned copper wire	Tinned copper wire
	CONSTRUCTION构成	7/0.127±0.008mm	7/0.127±0.008mm	7/0.127±0.008mm
INSULATION 绝缘	MATERIAL材质	FoamPE+Skin	HDPE	HDPE
	DIAMETER外径	0.98±0.05mm	0.70±0.05mm	0.70±0.05mm
Drain Wire 地线	MATERIAL材质	Tinned copper wire	/	/
	CONSTRUCTION构成	7/0.127±0.008mm	/	/
TAPE SHIELD 包带隔离	MATERIAL材质	AL/MY+Mylar	/	/
	OVERLAPPING重叠率	≥ 25%	/	/
TAPE SHIELD 包带隔离	MATERIAL材质	AL/MY		
	OVERLAPPING重叠率	≥ 25%		
Drain Wire 地线	MATERIAL材质	Tinned copper wire		
	CONSTRUCTION构成	7/0.160±0.008mm		
BRAID 编织	MATERIAL材质	Aluminium magnesium alloy wire (铝镁线)		
	CONSTRUCTION构成	16/10/0.120±0.008mm (Min.85% coverage)		
JACKET 被覆	MATERIAL材质	UL80°C-PVC (RoHS)		
	DIAMETER外径	7.30±0.20mm		
	COLOR颜色	BLACK (MATT)		
MARKING 印字				

ELECTRICAL CHARACTERISTICS电气特性

ITEM	Unit A	Unit B	Unit C
Conductor Resistance(at 20°C)导体电阻	Max. 237.25 Ω /km	Max. 237.25 Ω /km	Max. 237.25 Ω /km
Insulation Resistance(at 20°C)绝缘电阻	Min. 20 MΩ -km		
Dielectric Test耐电压测试	AC 500V/1 minute No breakdown		
Differential Impedance 差分阻抗	100±10 Ω	/	/
Delay & Skew延迟(差)	Delay:4.5ns/M, Intra pair Skew:112ps/3.0M, Inter pair Skew:1.78ns		
Far-end Crosstalk远端串音	Max: -20dB at 1-5000MHz		
Attenuation衰减(Max 3.0M)	< -5dB@825MHz, -5 < -12dB@825MHz~2475MHz, -12 < -20dB@2475MHz~4125MHz, -20 < -25dB@4125MHz~5100MHz		