

HDMI14

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 drawing: 92778
 unit: mm
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SECTION	ITEM	MATE.	THICK.	DIA.	NOTE
	CONDUCTOR	TINNED COPPER		0.39	7/0.128TS±0.008mm
	INSULATION	FR-PE(3485)	0.3	0.98	±0.02mm
28AWG	EXTRUSION : EXTRUDE				tmax ≤ 0.31mm tmin ≥ 0.29mm
5P	TWIST	S=18mm			
	WRAP	DRAIN +AL/MYLAR	2.00		D(7/0.127)TS+10*0.020mm
	WRAP	MYLAR	2.10		W*H=12*0.025mm
	COLOR CODE:1P.WHITE-BROWN 2P.WHITE-RED 3P.WHITE-GREEN				
	4P.WHITE-BLUE 5P:1P.WHITE-ORANGE				
	CONDUCTOR	TINNED COPPER		0.38	7/0.127TS±0.008mm
28AWG	INSULATION	HD-PE	0.16	0.70	±0.05mm
*4C	EXTRUSION: EXTRUDE				tmax ≤ 0.19mm tmin ≥ 0.14mm
	COLOUR CODE : 1.WHITE 2.RED 3.YELLOW 4. ORANGE				
	CABLING			5.00	S=110±10mm
	WRAP	AL/MYLAR		5.10	W*H=30*0.020mm
	BRAID	TINNED COPPER		5.50	16/9/0.10TS±0.008mm 65%
	JACKET	PVC 70P 80°C	0.90	7.30	±0.15 COLOR : OPTIONAL
	EXTRUSION : HALF TUBE				tmax ≤ 0.98mm tmin ≥ 0.83mm
	MARKING	E300060 兄 AWM 20276 80°C 30V VW-1 e兄 E300060			
	UL20276-032N	AWM I/II A 80°C 30V FT1 High Speed HDMI™ cable with Ethernet			

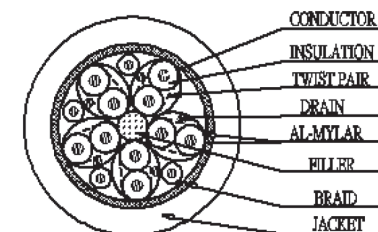
ELECTRICAL CHARACTERISTICS

CONDUCTOR RESISTANCE AT 20°C : Conductor A: 237Ω/Km ConductorB:237Ω/Km ConductorC:237Ω/Km
 1.IMPEDANCE: 100± 10Ω@TDR 2.FEXT <-20dB@100~7000MHZ
 3.Tim Delay Skew传播延迟差:within a pair≤50PS/CABLE between pairs:≤4NS/CABLE
 4.Attenuation(衰减):100~450MHZ<7dB/CABLE 450~7000MHZ<5~12dB/CABLE

MECHANICAL CHARACTERISTICS

Before Tensile Strength (Mpa): Insulation :1.79 Jacket :10.35
 Before Aging Elongation (%) : Insulation :>=300% of original Jacket :>=100% of original
 Aging Condition (°C) : Insulation :113±2°C x168hrs Jacket :113±2°C x168hrs
 After Tensile Strength (Mpa): Insulation :>=70% of original Jacket :>=70% of original
 After Aging Elongation (%) : Insulation :>=60% of original Jacket :>=65% of original
 Cold Bend (-20°C±2x4hrs) : Insulation :-20±2°C x4hrs Jacket :-20±2°C x4hrs
 Heat Shock (121°C±1x1hrs) : Insulation :121±1°C x1hrs NO CRACK Jacket :121±1°C x1hrs NO CRACK

SECTION DRAWING:



SPECIFICATION

HDMI1.4 28AWG/5P+28AWG/4C+AB 65%