SPECIFICATION	(1P*24AWG+D+AL+MY)*5C+1P*26AWG+2C*26AWG+AL+D+B

ITEM		SPECIFICATION			
CONDUCTOR	AWG	24AWG		26AWG	26AWG
	MATERIAL	BC		Tinned Copper	Tinned Copper
	SIZE (mm)	1/0.511±0.008		7/.0.16±0.008	7/0.16±0.008
INSULATION	THICK (NOM. mm)	0.448		0.21	0.21
	MATERIAL	Foam-PE + Skin		HD-PE	HD-PE
	OD (mm)	**1.40 +0.02/-0.05**		0.9±0.05	0.9±0.05
DRAIN	MATERIAL	BC		/	/
	SIZE (mm)	1/0.404±0.008		/	/
Face Inside bonding AL/Mylar	Coverage / overlap	100% coverage, 25% overlap min		/	/
	color	blue	silver	/	/
MYLAR	COVERAGE	100%		/	/
	OVERLAP	25% MIN		/	/
	NO.	4P	1P	1P	2C
Face Outside AL/Mylar	COVERAGE	100%			
	OVERLAP	25% MIN			
DRAIN	MATERIAL	BC			
	SIZE (mm)	1/0.511±0.008			
BRAID COPPER	MATERIAL	**AL-MG Wire**			
	SIZE (mm)	**16*12/0.12**±0.008			
JACKET	THICK (NOM. mm)	1.20			
	MATERIAL	MATTE **CL2-PVC** LOW-TOXIC			
	COLOUR	Black			
	OD (mm)	**9.5 ± 0.15**			

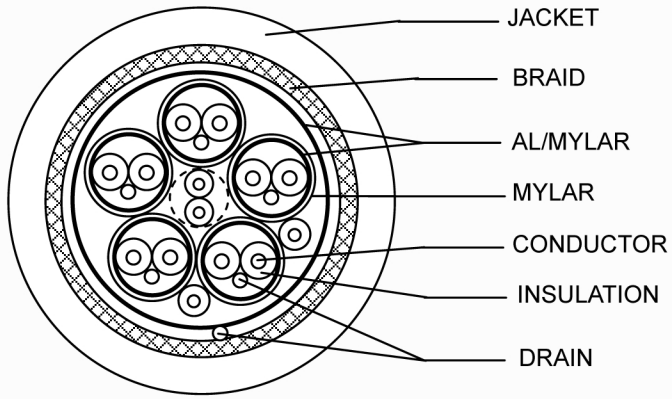
ELECTRICAL CHARACTERISTICS

Rated Temperature: 80℃ Rated Voltage:30V
Voltage Withstand:: AC 500V/1min, NO Breakdown
Insulation Resistance: Min. 100Mohms/cable at 20℃
Conductor Resistance: AT 20℃ Max 28AWG: Solid<227.39Ω/KM
TMDS Pairs Test at TDR:
Differential Impedance: 100±10%ohms FEXT: <-20 at 1-5000MHz
Intra-Pair Skew: Max 111ps/Cable Inter-Pair Skew Max 1.78 ns/Cable
Attenuation: <-5 dB/Cable at 1~825MHz; <-5~-12 dB/Cable at 825~2475MHz; <-12~-20 dB/Cable at 2475~4125MHz; <-20~-25 dB/Cable at 4125~5100MHz
HEAC Pairs Test at TDR:
Differential Impedance: 100±10%ohms; Intra-Pair Skew: Max 111ps/Cable;
Common Mode Impedance: 30±6ohms;
Attenuation: <-0.5 dB/Cable at 0.3~1MHz; <-0.5~-1.6 dB/Cable at 1~10MHz; <-1.6~-5 dB/Cable at 10~100MHz; <-5~-7.1 dB/Cable at 100~200MHz.
*These data are limited to raw cable.at 3.0M

PHYSICAL PROPERTIES

Physical Properties Test on Jacket:(Aged Test Temperature: 113℃ Time: 168h)
Tensile Strength: Unaged >1500PSI,
Aged>70% of the result with unaged specimens
Elongation: Unaged >100%,
Aged>65% of the result with unaged specimens.
Heat Shock Test on Jacket: NO Cracking
Deformation Test on Jacket: <50%
Cold Bend Test: NO Cracking
Flame Test: VW-1 PASS
Spark Test: 100% PASS

CONSTRUCTION



COLOUR CODE INSULATION

5P: INSULATION COLOUR:
1. Red/white 2. Green/white 3. Blue/white 4. brown/white
5. ***Yellow/white, with silver-colored Al foil wrapped***
1P: 6. YELLOW*ORANGE
2C: 7. WHITE 8. RED

MARKING

High Speed HDMI 1.4 Cable with Ethernet E329703 (UL) TYPE CL2 SHIELDED 28AWG ----- AWM 20276 80℃ 30V VW-1

REMARK

ROHS Compliant

LYNDAHL® **Traderia GmbH, D 35452 Heuchelheim**

	PART NO.	LKSLK24	
APPROVED		Supplier P/N	
CHECKED		REV	A-2
DRAWING	Yanliang Luo	DATE	2009-12-8