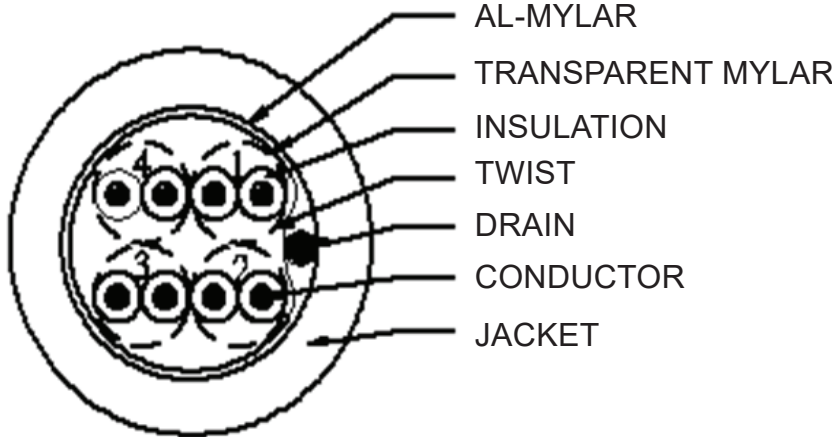


RoHS COMPLIANT						REVISION INFORMATION			
						Rev.	Rev. Date	Brief Description	
SECTION DRAWING: 		SECTION	ITEM	Material	Thickness (mm)	Diameter (mm)	NOTE		
		24AWGx4P	CONDUCTOR	Copper		0.515	0.515AS+0/-0.008mm		
			INSULATION	HD-PE	0.20	0.92	±0.02mm		
			EXTRUSION				tmax≤0.23mm tmin≥0.18mm		
			COLOR	1P 2P 3P 4P					
			TWIST						
			CABLING	TRANSPARENT MYLAR		3.90			
			WRAP			4.00	W*H=25*0.025mm		
		24AWGx4P	DRAIN	Tinned Stranded Copper		0.61	7/0.20TS±0.008mm		
			WRAP	Aluminum Mylar Tape		4.10	W*H=25*0.020mm		
			JACKET	PVC (50P)	0.60	6.20	±0.15mm COLOR :		
			EXTRUSION				tmax≤0.65mm tmin≥0.508mm		
			MARKING	350MHz (UL) E305668 TYPE CM 24AWG 75 ⁰ C C(UL) E305668 CM 75 ⁰ C ETL VERIFIED ANSI/TIA-568.2-D STP CAT.5E SHIELDED RoHS COMPLIANCE BATCH NO.					
ELECTRICAL CHARACTERISTICS									
CONDUCTOR RESISTANCE AT 20 ⁰ C : 9.38Ω/100m max									
MECHANICAL CHARACTERISTICS									
Before Tensile Strength (Mpa):			Insulation: 16.50MPa			Jacket: 13.8MPa			
Before Aging Elongation (%):			Insulation: 300%			Jacket: 100%			
Aging Condition (°C):			Insulation: 100 ± 1 ⁰ C*2days			Jacket: 100± 1 ⁰ C*10days			
After Tensile Strength(Mpa):			Insulation: 75%			Jacket: 85%			
After Aging Elongation (%):			Insulation: 75%			Jacket: 50%			
Cold Bend (-20 ⁰ C±2x4hrs):			Insulatbn: No Crack			Jacket: No Crack			
Heat Shock (121 ⁰ C±1x1hrs):			Insulation: No Crack			Jacket: No Crack			
MONOPRICE									
DESCRIPTION : Monoprice™ Cat5e 1000ft Gray CM UL Bulk Cable, Shielded (F/UTP), Solid, 24AWG, 350MHz, Pure Bare Copper, Pull Box, No Logo, Bulk Ethernet Cable									
PID # : 894									
DATE :			UNIT :			FILE NAME:			

3				
2				
1				
NO.	PART NAME	SPECIFICATION DESCRIPTION	QTY	UNIT