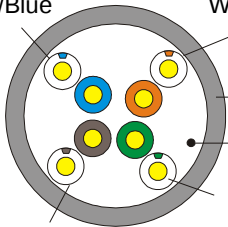


U/UTP 4Pairs cable-category5E-PVC Sheath

Content of the Data Sheet									
Sheath Printing	HIKVISION E484059-Z CM (UL) 4PR 24AWG 75℃ U/UTP CAT5E VERIFIED TO ANSI/TIA-568-C.2 PVC ****m mm/dd/yyyy								
Customer Reference	DS-1LN5E-S				White-Blue /Blue White-Orange/Orange White- Brown /Brown White- Green /Green Sheath Rip-cord 				
Category	U/UTP CAT5E-4P- PVC-CM								
Reference Standard	ISO/IEC11801、TIA-568-C.2、UL444								
Conductor	Material	Solid-Bare Copper							
		Content	99.95%						
	Nom.O.D.(mm)	0.500 (24AWG)	up	+0.005					
				down	-0.005				
Insulation	Material	HDPE							
	Diameter	0.88±0.04mm							
Sheath	Thickness	0.50±0.05 mm			Technical Performance(100m) :				
	External O.D.	5.0±0.4 mm			Frequency (MHz)	RL ≥dB	ATT (20℃) ≤dB	NEXT ≥dB	Phase DELAY ≤ns
	Surface	Clean,Frap,Satiation			1	20.0	2.0	65.3	570.00
	Material	PVC(complies RoHS),CM			4.0	23.0	4.1	56.3	552.00
	Color	Grey ZLC1003			8.0	24.5	5.8	51.8	546.73
Surface Printing	Letter height	3.0±0.3mm			10.0	25.0	6.5	50.3	545.38
	Color	Black			16.0	25.0	8.2	47.2	543.00
	Print error & Space	≤±0.5%, 1m			20.0	25.0	9.3	45.8	542.05
Core Color	1 White- Blue /Blue		2 White-Orange /Orange		25.0	24.3	10.4	44.3	541.20
	3 White- Green /Green		4 White- Brown /Brown		31.25	23.6	11.7	42.9	540.44
Packing	Wooden Tray & Carton				62.5	21.5	17.0	38.4	538.55
Carton dimension	Per request				100	20.1	22.0	35.3	537.60
Packing length	(305±1.5)m				Frequency (MHz)	PSNEXT ≥dB	ELFEXT ≥dB	PSELFEXT ≥dB	
Rip-cord	Yes	Drain wire		No	1	62.3	63.8	60.8	
Sheath Physical Properties	Before Aging Tensile Strength (Mpa)		≥13.5		4	53.3	51.8	48.8	
	Elongation(%)		≥150		8	48.8	45.7	42.7	
	Aging Period(℃×hrs)		100℃×24h×10d		10	47.3	43.8	40.8	
	After Aging Tensile Strength(Mpa)		≥12.5		16	44.4	39.7	36.7	
	Elongation(%)		≥125		20	42.8	37.8	34.8	
Electrical Characteristics (20℃)	Cold bend(-20±2℃×4h)		8×Cable O.D., No visible cracks		25	41.3	35.8	32.8	
	1.0-100.0MHz Impedance(Ω)		100±15		31.25	39.9	33.9	30.9	
	1.0-100.0MHz Delay Skew (ns/100m)		≤45		62.5	35.4	27.9	24.9	
	DC ResistanceΩ/100m) max		9.5		100	32.3	23.8	20.8	
DC Conductor Resistance Unbalance(%) max				5.0					
Ambient temperature: -20℃ - 75℃				Operating Voltage: 80V					