

U/UTP 4Pairs cable-category 6- PVC Sheath

P/N: HK-1191-C6-005-00

Content of the Data Sheet						
Sheath Printing	HIKVISION E484059-Z (UL) CM 4PR 24AWG 75℃ U/UTP CAT6 VERIFIED TO ANSI/TIA-568-C.2 PVC ****m mm/dd/yyyy					
Customer Reference	White-Blue /Blue White-Orange /Orange Sheath Seperator Rip-cord White-Brown /Brown White-Green /Green					
Category						
Test Standard						
Conductor						
	Copper content	99.97%				
	Nom.O.D.(mm)	0.530	up	+0.005		
			down	-0.005		
Insulation	Material	HDPE				
	Diameter	0.95±0.03mm				
Sheath	Thickness	0.55±0.05 mm				
	External O.D.	5.8±0.4 mm				
	Surface	Clean,Frap,Satiation				
	Material	PVC(complies RoHS),CM				
	Color	White				
Surface Printing	Letter height	3.0±0.3mm				
	Color	Black				
	Print error & Space	≤±0.5%, 1m				
Core Color	1 White- Blue /Blue	2 White-Orange /Orange				
	3 White-Green /Green	4 White- Brown /Brown				
	Packing	Wooden Tray & Carton				
Carton dimension	Per request					
Packing length	305±1.5m					
Rip-cord	Yes	Drain wire	No			
Sheath Physical Properties	Before Aging Tensile Strength (Mpa)		≥13.5			
	Elongation(%)		≥150			
	Aging Period (℃×hrs)		100℃×24h×10d			
	After Aging Tensile Strength(Mpa)		≥12.5			
	Elongation(%)		≥125			
Electrical Characteristics (20℃)	Cold bend(-20±2℃×4h) 8×Cable O.D., No visible cracks					
	1.0-250.0MHz Impedance ((Ω)	100±15				
	1.0-250.0MHz Delay Skew (ns/100m)	≤45				
	DC Resistance (Ω/100m) max		9.38			
	DC Conductor Resistance Unbalance (%) max		5.0			
Technical Performance (100m):						
Frequency RL ATT(20℃) NEXT PHASE DELAY						
(MHz) ≥dB ≤dB ≥dB ≤ns						
1 20.0 2.03 74.3 570.00						
4.0 23.0 3.78 65.3 552.00						
8.0 24.5 5.32 60.8 546.73						
10.0 25.0 5.95 59.3 545.38						
16.0 25.0 7.55 56.2 543.00						
20.0 25.0 8.47 54.8 542.05						
25.0 24.3 9.51 53.3 541.20						
31.25 23.6 10.67 51.9 540.44						
62.5 21.5 15.38 47.7 538.55						
100 20.1 19.80 44.3 537.60						
200 18.0 28.98 39.8 536.54						
250 17.3 32.85 38.3 536.27						
Frequency PSNEXT ELFEXT PSELFEXT						
(MHz) ≥dB ≥dB ≥dB						
1 72.3 67.8 64.8						
4 63.3 55.8 52.8						
8 58.8 49.7 46.7						
10 57.3 47.8 44.8						
16 54.2 43.7 40.7						
20 52.8 41.8 38.8						
25 41.3 39.8 36.8						
31.25 49.9 37.9 34.9						
62.5 45.4 31.9 28.9						
100 42.3 27.8 24.8						
200 37.8 21.8 18.8						
250 36.3 19.8 16.8						
Ambient temperature: -20℃ - 75℃						