

U/UTP 4Pairs cable-category5E-PE Sheath

Content of the Data Sheet

Sheath Printing	HIKVISION DATA CABLE 4PR 24AWG U/UTP CAT5E OUTDOOR PE VERIFIED TO ANSI/TIA-568-C.2 ****m mm/dd/yyyy				
Customer Reference	DS-1LN5E0-UU/E				
Category	U/UTP CAT5E-4P- PE				
Reference Standard	ANSI/TIA-568-C.2				
Conductor	Material	Solid-Bare Copper			
		Content	99.99%		
	Nom.O.D.(mm)	0.500 (24AWG)	up	+0.01	
			down	-0.01	
Insulation	Material	HDPE			
	Diameter	0.88±0.03mm			
Sheath	Thickness	0.55±0.03 mm			
	External O.D.	5.0±0.3 mm			
	Surface	Clean,Frap,Satiation			
	Material	PE			
	Color	Black			
Surface Printing	Letter height	2.8mm			
	Color	White			
	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±0.5)m				
Rip-cord	Yes	Drain wire	No		
Sheath Physical Properties	Before Aging Tensile Strength (Mpa)	≥10			
	Elongation(%)	≥300			
	Aging Period(°C×hrs)	100°C×24h×10d			
	After Aging Tensile Strength(Mpa)	≥12.5			
	Elongation(%)	≥125			
Electrical Characteristics (20°C)	1.0-100.0MHz Impedance(Ω)	100±15			
	1.0-100.0MHz Delay Skew (ns/100m)	≤552			
	DC Resistance(Ω/100m) max	9.5			
	DC Conductor Resistance Unbalance(%) max	2.0			
Ambient temperature: -20°C - 60°C		Operating Voltage: ≤60V			

