

REF: U/UTP 4 pairs Jelly cable – CAT6 – PE Sheath

P/N: K5807

Date	Prepared by	Checked by	Approved by	Version	Revision Declaration																																																																					
Content of the Data Sheet																																																																										
Sheath Printing	It will be printed as customer's requirement with batch produce.																																																																									
Customer reference																																																																										
Category	U/UTP-ZST CAT6-4P-PE																																																																									
Test Standard	ISO/IEC11801、ANSI/TIA-568-C.2 、YD/T1019																																																																									
Conductor	Material	SOLID-Bare Copper																																																																								
	Nom. O.D. (mm)	0.565	Up	+0.005																																																																						
			Down	-0.005																																																																						
Insulation	Material	HDPE																																																																								
	Diameter	1.12±0.05mm																																																																								
Color	A.Blue, White-Blue	B.Orange,White-Orange																																																																								
	C.Green,White-Green	D.Brown, White-Brown																																																																								
5. Sheath	Thickness	0.60±0.05 mm																																																																								
	External O.D.	7.1±0.5 mm																																																																								
	Surface	Clean,Frap,Satiation																																																																								
	Material	LDPE (complies RoHS)																																																																								
	Color	Black																																																																								
Surface Printing	Letter height	3.0±0.3mm																																																																								
	Color	White																																																																								
	Print error & Space	≤±0.5%, 1m																																																																								
Packing	Carton, pallet																																																																									
Carton dimension	According to the requires																																																																									
Packing length	(305±1.5)m																																																																									
Rip-cord	Yes	Drain wire			No																																																																					
Sheath Physical Properties	Before Aging Tensile Strength (Mpa)		≥10.0																																																																							
	Elongation(%)		≥350																																																																							
	Aging Period (°C ×hrs)		100°C×24h ×10d																																																																							
	After Aging		Elongation(%) ≥300																																																																							
	Cold bend(-20±2°C ×4h)		8 ×Cable O.D., No visible cracks																																																																							
Electrical Characteristics (20°C)	1.0-250.0MHz, Characteristic impedance (Ω)		100±15																																																																							
	1.0-250.0MHz, Delay Skew 20°C(ns/100m)		≤45																																																																							
	DC Resistance 20°C(Ω/100m) max		9.38																																																																							
	DC Conductor Resistance Unbalance (%)max		5.0																																																																							
FLUKE Technical Performance																																																																										
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