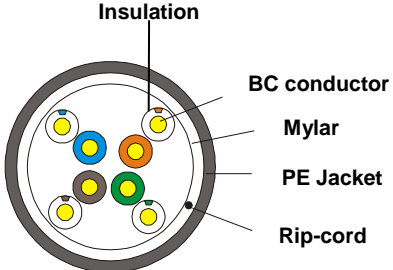


REF: U/UTP 4Pairs cable - category5E - PE Sheath

P/N: 40441007

Date	Prepared by	Checked by	Approved by	Version	Revision Declaration																																																							
2016-03-11				A0																																																								
Content of the Data Sheet																																																												
Sheath Printing																																																												
Customer reference																																																												
Category	U/UTP CAT5E-4P-PE																																																											
Test Standard	ISO/IEC11801、TIA-568-C.2、YD/T1019																																																											
Conductor	Material	Solid-Bare Copper																																																										
	Nom.O.D.(mm)	0.490	Up	+0.005																																																								
		24AWG	Down	-0.005																																																								
Insulation	Material	HDPE																																																										
	Diameter	0.87±0.03mm																																																										
Sheath	Thickness	0.55±0.05 mm																																																										
	External O.D.	5.2±0.4 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																																																										
Core Color	1 White- Blue /Blue	2 White-Orange /Orange																																																										
	3 White- Green /Green	4 White- Brown /Brown																																																										
Packing	Wooden Tray & Carton																																																											
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 xhrs)	100°C x24hx10d																																																										
	After Aging	Elongation(%)	≥300																																																									
	Cold bend(-20±2°C x4h)	8xCable O.D. · No visible cracks																																																										
Electrical Characteristics (20°C)	1.0-100.0MHz Impedance(Ω)	100±15																																																										
	1.0-100.0MHz Delay Skew (ns/100m)	≤45																																																										
	DC Resistance(Ω/100m) max	9.5																																																										
	DC Conductor Resistance Unbalance (%) max	5.0																																																										
																																																												
Technical Performance (100m):																																																												
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