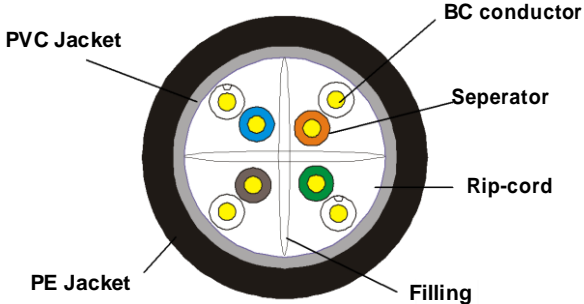


## U/UTP cable - category 6- 4 Pair Unshielded – PVC+PE Sheath

Sheath Printing	TYCAB NZ      DPA81051EXT    CAT6 UTP EXTERNAL    N1155 <MM>				
Category	U/UTP CAT6-4P-PVC+PE				
Test Standard	ISO/IEC11801、TIA- 568-C.2、YD/T1019				
Conductor	Material	SOLID-Bare Copper			
	Nom. O.D. (mm)	0.570	Up	+0.005	
			Down	-0.005	
Insulation	Material	HDPE			
	Diameter	1.02±0.03mm			
Color	A. Blue, White-Blue	B. Orange, White-Orange			
	C. Green, White-Green	D. Brown, White-Brown			
Inner Jacket	Material	PVC	Color	According to the requires	
	Thickness	0.55±0.05 mm			
5. Sheath	Thickness	0.6±0.05 mm			
	External O.D.	7.5±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	Plywood Spool + Carton Box				
Carton dimension	According to the requires				
Packing length	500±1.5m				
Rip-cord	Yes	Drain wire	No		
Out Jacket 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)		No visible cracks		
Electrical Characteristics (20°C)	Characteristic impedance (Ω)		100±15		
	Delay Shew 20°C(ns/100m)		≤45		
	DC Resistance 20°C(Ω/100m) max		9.5		
	DC Conductor Resistance Unbalance (%)max		5.0		



Technical Performance (100m):				
Frequency (MHz)	RL ≥dB	ATT(20°C) ≤dB	NEXT ≥dB	PHASE DELAY ≤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