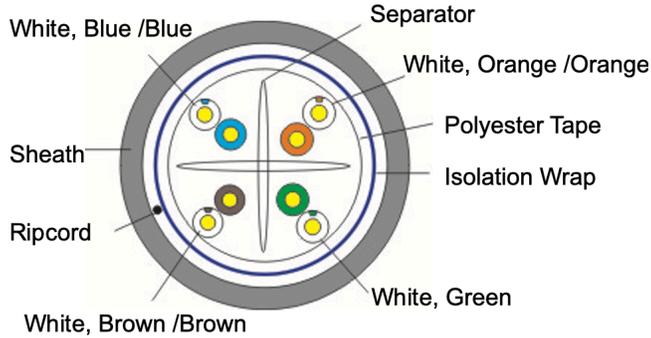


Newlink U/UTP 4 Pairs Cat 6A Double Jacket PVC+ PE



Technical Specifications:

Category	U/UTP-DF CAT6A-4P-PVC+PE		
Conductor	Material:	Solid Bare Copper	
	Nom. O.D. (mm)	0.565	+0.01 -0.01
Insulation 1	Material	PE	
	Diameter	1.12 ± 0.1mm	
Wrapping	Polyester Tape + Isolation Wrap		
Inner Sheath	Material	PVC	
	O.D.	7.3mm (Nom.)	
Outer Jacket	Thickness	0.55 ± 0.1mm	
	External O.D.	8.5 ± 0.05mm	
	Surface	Clean, Frap, Satiation	
	Material	LDPE (Complies RoHS)	
	Color	Black	
Surface Printing	Letter height	3.0 ± 0.03mm	
	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	
Length	305 ± 1.5m/500 ± 2.5m		
Packing	Drum		
Rip-cord	Yes		
Drain Wire	No		
Physical Properties	Before aging Tensile Strength (Mpa) ≥ 10.0		

	Elongation (%) ≥ 350
	Aging Period (°C x hrs) 100°C 24h x 10d
	After aging Elongation (%) ≥ 300
	Cold Bend (-20 ± 2°C x 4h) no visible cracks
Electrical Characteristics (20°C)	Impedance (Ω) 1.0 – 250.0 MHz 100 ± 15 250.0 – 500.0 MHz 100 ± 22
	1.0 – 500.0MHz Delay Skew (ns/100m) ≤ 45
	DC Resistance (Ω /100m) max 9.38
	DC Conductor Resistance Unbalance (%) max 5.0
Standards	ISO/IEC11801, ANSI/TIA-568.2-D

Technical Performance:

Frequency (MHz)	Return ≥dB	ATT ≤dB	NEXT ≥dB	Delay ≤ns	PSNEXT ≥dB	ELFEXT ≥dB	PSELFEXT ≥dB
1	19.1	3.0	65.0		62.0	64.2	61.2
4.0	21.0	3.5	64.1		61.8	52.1	49.1
8.0	21.0	5.0	59.4		57.0	46.1	43.1
10.0	21.0	5.5	57.8		55.5	44.2	41.2
16.0	20.0	7.0	54.6	498	52.2	40.1	37.1
20.0	19.5	7.9	53.1		50.7	38.2	35.2
25.0	19.0	8.9	51.5		49.1	36.2	33.2
31.25	18.5	10.0	50.0		47.5	34.3	31.3
62.5	16.0	14.4	45.1		42.7	28.3	25.3
100	14.0	18.6	41.8		39.3	24.2	21.2
200	11.0	27.4	36.9		34.3	18.2	15.2
250	10.0	31.1	35.3		32.7	16.2	13.2
300	8.0	38.4	29.9		27.1	12.1	9.1
500	8.0	43.8	26.7		23.8	10.2	7.2

Ordering Information:

Part number	Description
NEW-987441	Newlink U/UTP 4 Pairs Cat 6A Double Jacket PVC+ PE (Black)