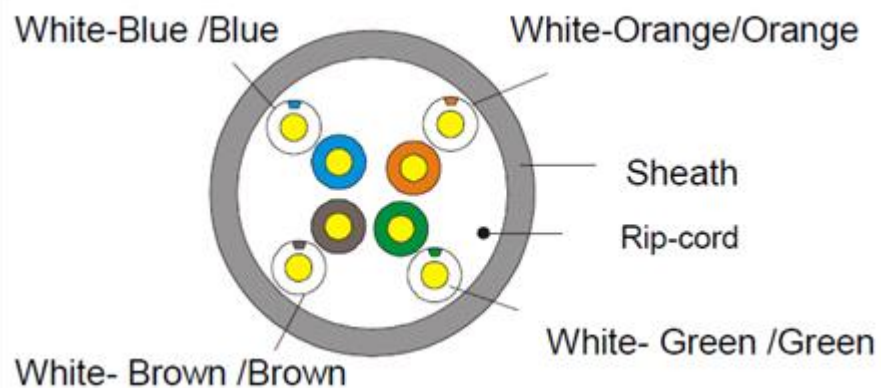


#### Newlink Cat 5e CM 24 AWG 1000ft



<b>Category</b>	U/UTP CAT5E-4P-PVC-CM	
<b>Test Standard</b>	ISO/IEC11801, TIA-568-C.2 YD/T1019, UL 568.C.2 - Local Area Network Cable Verified for Transmission Performance, UL ANSI 444 - Communication Cables	
<b>Conductor</b>	Solid Bare Copper 24 AWG	
<b>Insulation</b>	Material	HDPE
	Diameter	0.87±0.03mm
<b>Sheath</b>	Thickness	0.50±0.05 mm
	External O.D.	5.0±0.4 mm
	Surface	Clean, Frap, Satiation
	Material	PVC(complies RoHS),CM
	Colors	Multiple
<b>Surface Printing</b>	Letter Height	3.0±0.3mm
	Color	Black
	Print error & Space	≤±0.5%, 1m
<b>Core Color</b>	1 White – Blue/Blue	2 White – Orange/Orange
	3 White – Green/Green	4 White – Brown/Brown
<b>Packing</b>	Wooden Tray and carton	

<b>Box Dimensions</b>	35 x 35 x 20 cm		
<b>Packing length</b>	(305±1.5)m		
<b>Rip-cord</b>	Yes	Drain wire:	No
<b>Sheath Physical Properties</b>	Before Aging Tensile Strength (Mpa) ≥ 13.5		
	Elongation (%) ≥ 150		
	Aging Period(°C×hrs) 100°C×24h×7d		
	After Aging Tensile Strength (Mpa) ≥12.5		
	Elongation(%) ≥125		
<b>Electrical Characteristics (20°C)</b>	Cold bend (-20±2°C×4h) 8×Cable O.D. No visible cracks		
	1.0-100.0MHz Impedance(Ω) 100±15		
	Velocity of Propagation (NVP) 69%		
	1.0-100.0MHz Delay Shew (ns/100m) ≤45		
	DC Resistance Ω/100m) max 9.5		
DC Conductor Resistance Unbalance(%) max 5.0			

#### Technical Performance (100m):

Freq.	RL	ATT (20C)	NEXT	PHASE DELAY	PSNEXT	ELFEXT	PSELFEXT
MHz	≥dB	≤dB	≥dB	≤ns	≥dB	≥dB	≥dB
1	20.0	2.0	65.3	570.00	62.3	63.8	60.8
4	23.0	4.1	56.3	552.00	53.3	51.8	48.8
8	24.5	5.8	51.8	546.73	48.8	45.7	42.7
10	25.0	6.5	50.3	545.38	47.3	43.8	40.8
16	25.0	8.2	47.2	543.00	44.4	39.7	36.7
20	25.0	9.3	45.8	542.05	42.8	37.8	34.8
25	24.3	10.4	44.3	541.20	41.3	35.8	32.8
31.25	23.6	11.7	42.9	540.44	39.9	33.9	30.9
62.5	21.5	17.0	38.4	538.55	35.4	27.9	24.9
100	20.1	22.0	35.3	537.60	32.3	23.8	20.8

# NEWLINK

## Cabling Systems

### *NEW-980574X*

#### Ordering Information:

Part Number	Description
NEW-9805741	Newlink Cat 5e CM 24 AWG 1000ft Grey
NEW-9805742	Newlink Cat 5e CM 24 AWG 1000ft Blue