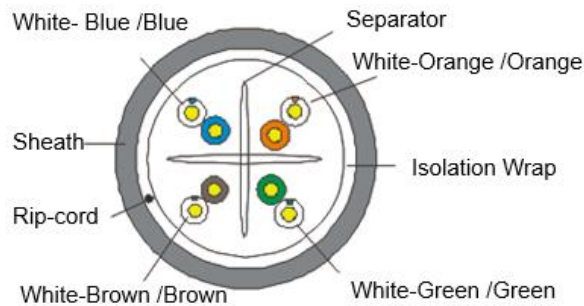


Newlink U/UTP 4 Pairs Cat 6A-CMP (1,000ft) Gray



Technical specifications:

Conductor	Material		Solid Bare Copper	
	Nom. O.D. (mm)	0.565	Up	+0.005
			Down	-0.005
Insulation	Material	FEP		
	Diameter	1.09 ± 0.05mm		
Wrapping	Isolation Wrap	Filling	Plastic Separator: FEP	
Jacket	Thickness		0.53 ± 0.05mm	
	External O.D.		6.9 ± 0.4mm	
	Surface		Clean, frap, satiation	
	Material		PVC (complies with RoHS), CMP	
	Color		Grey	
Surface printing	Letter height		3.0 ± 0.3mm	
	Color		Black	
	Print error & space		≤±0.5%, 1m	
Color Code	1 White-Blue/Blue		2 White-Orange/Orange	
	3 White-Green/Green		4 White-Brown/Brown	
Length	305 ± 1.5m			

Ripcord	Yes	Drain Wire	No
Jacket physical properties	Before Aging Tensile Strength (Mpa) ≥ 13.5 Elongation (%) ≥ 150 Aging Period ($^{\circ}\text{C} \times \text{hrs}$) $100^{\circ}\text{C} \times 24\text{hx}7\text{d}$ After Aging Tensile Strength (Mpa) ≥ 12.5 Elongation (%) ≥ 125 Cold bend ($-20 \pm 2^{\circ}\text{C} \times 4\text{h}$) $8 \times \text{Cable O.D.}$, No visible cracks		
Electrical characteristics	Impedance(Ω)	1.0-250.0MHz	100 \pm 15
		250.0-500.0MHz	100 \pm 22
	1.0-500.0MHz Delay Skew (ns/100m): ≤ 45		
	Unbalanced-to-ground capacitance (pf/100m) max 330		
	DC Resistance ($\Omega/100\text{m}$) max: 9.38		
	DC Conductor Resistance Unbalance (%) max 5.0		
Standards	ISO/IEC11801, ANSI/TIA-568.2-D		

Technical Performance: ($\leq 85\text{m}$)

Freq.	RL	ATT.	NEXT	DELAY	PSNEXT	ELFEXT	PSELFEXT
MHz	$\geq \text{dB}$	$\leq \text{dB}$	$\geq \text{dB}$	$\leq \text{ns}$	$\geq \text{dB}$	$\geq \text{dB}$	$\geq \text{dB}$
1	20.0	--	74.3	570.0	72.3	67.8	64.8
4	23.0	3.8	65.3	552.0	63.3	55.8	52.8
8	24.5	5.3	60.8	546.7	58.8	49.7	46.7
10	25.0	5.9	59.3	545.4	57.3	47.8	44.8
16	25.0	7.5	56.2	543.0	54.2	43.7	40.7
20	25.0	8.4	54.8	542.1	52.8	41.8	38.8
25	24.3	9.4	53.3	541.2	51.3	39.8	36.8
31.25	23.6	10.5	51.9	540.4	49.9	37.9	34.9
62.5	21.5	15.0	47.4	538.6	45.4	31.9	28.9
100	20.1	19.1	44.3	537.6	42.3	27.8	24.8
200	18.0	27.6	39.8	536.5	37.8	21.8	18.8

NEWLINK

Cabling Systems

NEW-9807991

250	17.3	31.1	38.3	536.3	36.3	19.8	16.8
300	16.8	34.3	37.1	536.1	35.1	18.3	15.3
500	15.2	45.3	33.8	535.6	31.8	13.8	10.8

Ordering Information:

Part Number	Description
NEW-9807991	Newlink U/UTP 4 Pairs Cat 6A-CMP (1,000ft) Gray