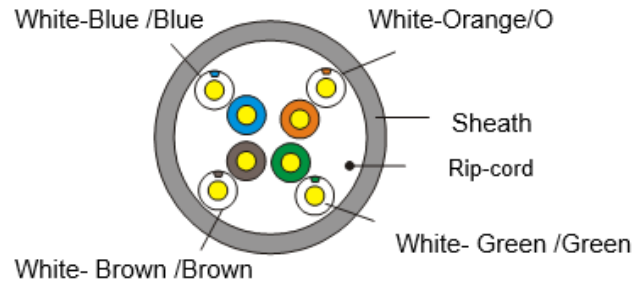


Newlink CCTV Optimized UTP Cat 5e PVC (1,000ft)



Technical specifications:

Conductor	Material	Solid Bare Copper		
	Nom. O.D. (mm)	0.450	Up	+0.005
			Down	-0.005
Insulation	Material	HDPE		
	Diameter	0.82 ± 0.05mm		
Jacket	Thickness	0.50 ± 0.05mm		
	External O.D.	4.7 ± 0.4mm		
	Surface	Clean, frap, satiation		
	Material	PVC (complies with RoHS)		
	Color	Grey or Blue		
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		
Packing	Pull box			
Box Dimensions	34x34x22 cm			
Length	305 ± 1.5m			
Ripcord	Yes	Drain wire	No	

Jacket physical properties	Before Aging Tensile Strength (Mpa) ≥ 13.5
	Elongation (%) ≥ 150
	Aging Period ($^{\circ}\text{C hrs}$) $100^{\circ}\text{C} \times 24\text{h} \times 7\text{d}$
	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	1.0-100.0MHz Impedance Ω : 100 ± 15
	1.0-100.0MHz Delay Skew (ns/100m): ≤ 45
	DC Resistance ($\Omega/100\text{m}$) max: 14.8
	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	19.0	3.0	60.0	521	57.0	58.6	55.6
4	19.0	3.9	54.8	504	51.8	46.6	43.6
8	19.0	5.5	50.0	500	47.0	40.6	37.5
10	19.0	6.2	48.5	498	45.5	38.6	35.6
16	19.0	7.9	45.2	496	42.2	34.5	31.5
20	19.0	8.9	43.7	495	40.7	32.6	29.6
25	18.0	10.0	42.1	495	39.1	30.7	27.7
31.25	17.1	11.2	40.5	494	37.5	28.7	25.7
62.5	14.1	16.2	35.7	492	32.7	22.7	19.7
100	12.0	21.0	32.3	491	29.3	18.6	15.6

NEWLINK

Cabling Systems

NEW-980564X

Ordering Information:

Part Number	Description
NEW-9805641	Newlink CCTV Optimized UTP Cat 5e PVC (1,000ft) Gray
NEW-9805642	Newlink CCTV Optimized UTP Cat 5e PVC (1,000ft) Blue