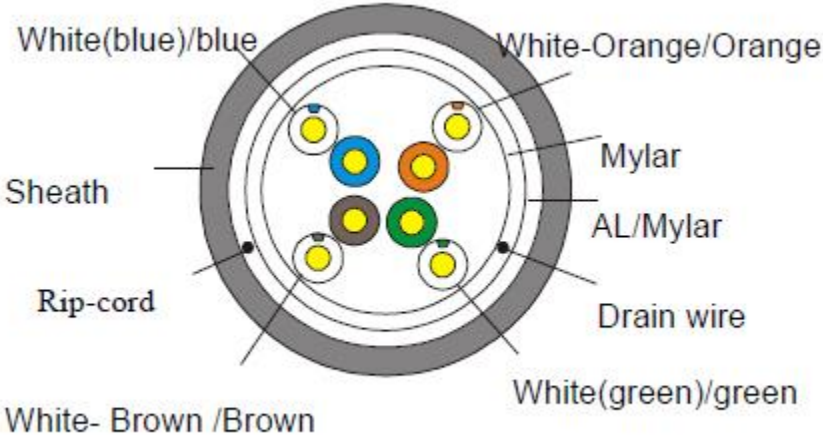


Newlink Cat 5e STP 4-pair 24AWG Outdoor Black



Technical Characteristics:

Conductor	Material	Solid Bare Copper		
	Nominal O.D. (mm)	0.500	Up	+0.005
			down	-0.005
Insulation	Material	HDPE		
	Diameter	1.00±0.05mm		
Screening Material:	Mylar+ AL/Mylar			
Jacket	Thickness	0.55±0.05 mm		
	External O.D.	6.2±0.4 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		

Core Color	1 White- Blue /Blue	2 White-Orange /Orange	
	3 White-Green /Green	4 White- Brown /Brown	
Packing length	(305±1.5)m		
Rip cord	Yes	Drain Wire	Yes
Jacket Physical Properties	Before Aging Tensile Strength (Mpa)	≥10.0	
	Elongation(%)	≥350	
	Aging Period (°C x hrs)	100°C x 24h x 10d	
	After Aging Elongation(%)	≥300	
	Cold bend (-20 ± 2°C x 4h)	8 x Cable O.D., No visible cracks	
Standards:	ISO/IEC11801, IEEE 802.3af, TIA-568-C.2 ANSI/EIA/TIA 568-C.2 & ISO/IEC 11801, UL 568.C.2 - Local Area Network Cable Verified for Transmission Performance, UL ANSI 444 - Communication Cables		

Electrical Characteristics (20°C):

1.0-100.0MHz	Impedance (Ω)	100 ± 15
1.0-100.0MHz	Delay Shew (ns/100m)	≤45
Unbalanced-to-ground capacitance (pf/100m) max 330		
DC Resistance (Ω/100m) max		9.5
DC Conductor Resistance Unbalance (%)		max 5.0

Freq.	RL	ATT(20°C)	NEXT	Phase 38	PS NEXT	ELFEXT	PSELFEXT
MHz	≥dB	≤dB	≥dB	≤ns	≥dB	≥dB	≥dB
1	20.0	--	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

NEWLINK

Cabling Systems

NEW-9805881

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

Ordering Information:

Part Number	Description
NEW-9805881	Newlink Cat 5e STP 4-pair 24AWG Outdoor Black