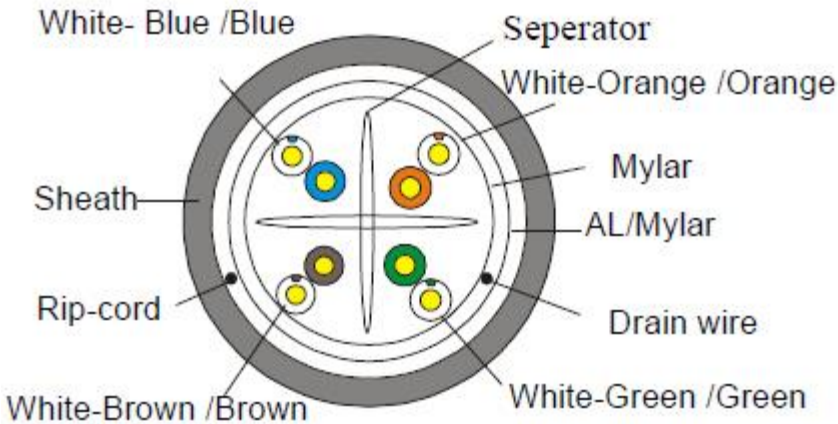


### Newlink Cat 6 STP 4-pair 23AWG Outdoor Black



**Technical Characteristics:**

<b>Conductor</b>	Material	Solid Bare Copper		
	Nominal O.D. (mm)	0.565	Up	+0.005
			down	-0.005
<b>Insulation</b>	Material	HDPE		
	Diameter	1.12±0.05mm		
<b>Screening Material:</b>	Mylar+ AL/Mylar			
<b>Jacket</b>	Thickness	0.60±0.05 mm		
	External O.D.	7.4±0.4 mm		
	Surface	Clean, Frap, Satiation		
	Material	LDPE(complies RoHS)		
	Color	Black		
<b>Surface Printing</b>	Letter height	3.0±0.3mm		
	Color	White		

	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 length</b>	(305±1.5)m		
<b>Rip cord</b>	Yes	Drain Wire	Yes
<b>Jacket Physical Properties</b>	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)	No visible cracks	
<b>Standards:</b>	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):**

1.0-250.0MHz	Impedance (Ω)	100 ± 15
1.0-250.0MHz	Delay Shew (ns/100m)	≤45
Unbalanced-to-ground capacitance (pf/100m) max 330		
DC Resistance (Ω/100m) max		9.38
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	--	74.3	570.00	72.3	67.8	64.8
4	23.0	3.78	65.3	552.00	63.3	55.8	52.8
8	24.5	5.32	60.8	546.73	58.8	49.7	46.7
10	25.0	5.95	59.3	545.38	57.3	47.8	44.8

# NEWLINK

## Cabling Systems

### NEW-9806881

16	25.0	7.55	56.2	543.00	54.2	43.7	40.7
20	25.0	8.47	54.8	542.05	52.8	41.8	38.8
25	24.3	9.51	53.3	541.20	51.3	39.8	36.8
31.25	23.6	10.67	51.9	540.44	49.9	37.9	34.9
62.5	21.5	15.38	47.7	538.55	45.4	31.9	28.9
100	20.1	19.8	44.3	537.60	42.3	27.8	24.8
200	18.0	28.98	39.8	536.54	37.8	21.8	18.8
250	17.3	32.85	38.3	536.27	36.3	19.8	16.8

#### Ordering Information:

Part Number	Description
NEW-9808881	Newlink Cat 6 STP 4-pair 23AWG Outdoor Black