

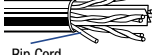
GigaFlex 4800LX Cables Series

ANSI/TIA / EIA-568-B.2-1, Category 6,
Enhanced Category 6 Non-Bonded-Pair Cables

Certified System 4800LX

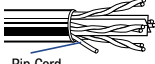
De- scription	Part No.	UL NEC/ C(UL)CEC Type IEC	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Insulation OD		Shielding Material Nom. DCR	Nominal OD		Freq. MHz	Max. Atten. dB/100m	Min. PSUM			Input Imp. (Ω)	Min. RL dB
			ft.	m	lbs.	kg		inch	mm		inch	mm			NEXT dB	ACR dB/100m	ELFEXT dB/100m		

Cat 6 • 23 AWG • Solid 0.6 mm Bare Copper • Twisted Pair • Central Cross Web Filler • Rip Cord

Polyolefin Insulation • PVC Jacket																			
White-Reel	24586385	NEC:	1000	305	29.1	13.2	0.57 mm	0.044	1.11	Non-	0.245	6.22	0.772	1.7	80.0	78.3	74.0	100 ± 12	—
Blue-Reel	24586985	CMR					23 AWG			Bonded-Pair			1	1.8	78.3	76.5	71.8	100 ± 12	20.0
		CEC:					Solid BC			Unshielded			4	3.4	69.3	65.9	59.7	100 ± 12	23.0
		CMR								U/UTP			8	4.8	64.8	60.0	53.7	100 ± 12	25.0
													10	5.3	63.3	58.0	51.8	100 ± 12	25.0
													16	6.8	60.3	53.5	47.7	100 ± 12	25.0
													20	7.6	58.8	51.2	45.7	100 ± 12	25.0
													25	8.5	57.3	48.8	43.8	100 ± 15	24.6
													31.25	9.6	55.9	46.3	41.9	100 ± 15	24.2
4-Pair													62.5	13.8	51.4	37.6	35.8	100 ± 15	23.0
													100	17.8	48.3	30.5	31.8	100 ± 15	22.1
													200	26.2	43.8	17.6	25.7	100 ± 15	20.9
													250	29.7	42.3	12.6	23.8	100 ± 20	20.5
													300	33.0	41.2	8.2	22.2	100 ± 20	20.2
													350	36.1	40.2	4.1	20.9	100 ± 22	19.9
													400	39.0	39.3	0.3	19.7	100 ± 22	19.7
													450*	41.8	38.5	- 3.3	18.7	100 ± 22	19.5
													500*	44.5	37.8	- 6.7	17.8	100 ± 22	19.3
													550*	47.1	37.2	- 9.9	16.9	100 ± 22	19.1

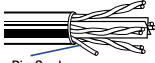
Color Code: see chart below

Third party verified to TIA/EIA-568-B.2-1, Category 6
Jacket sequentially marked at 0.6 m intervals. Features descending length marking.

Polyolefin Insulation • FRNC/LSNH Polymer Alloy																			
 Rip Cord 4-Pair	Violet-Reel	24588085	NEC: CMR CEC: CMR	1000	305	31.1	14.1	0.57 mm	0.044	1.11	Non- Bonded-Pair Unshielded U/UTP	0.240	6.10						see above
								23 AWG Solid BC											

Color Code: see chart below

Third party verified to TIA/EIA-568-B.2-1, Category 6
Jacket sequentially marked at 0.6 m intervals. Features descending length marking.

Plenum • FEP Insulation • FRNC/LSNH Polymer Alloy																			
 Rip Cord 4-Pair	White-Reel	24587385	NEC: CMP CEC: CMP	1000	305	30.6	13.9	0.57 mm	0.043	1.10	Non- Bonded-Pair Unshielded U/UTP	0.229	5.81						see above
	Blue-Reel	24587985						23 AWG Solid BC											

Color Code: see chart below

Third party verified to TIA/EIA-568-B.2-1, Category 6
Jacket sequentially marked at 0.6 m intervals. Features descending length marking.

BC = Bare Copper • ACR = Attenuation Crosstalk Ratio • ELFEXT = Equal Level Far-end Crosstalk • NEXT = Near-end Crosstalk • PSUM = Power Sum • RL = Return Loss • DCR = DC resistance
* Values provided for information only.

Color Code

Pair No.	Color
1	White/Blue Stripe, Blue
2	White/Orange Stripe, Orange
3	White/Green Stripe, Green
4	White/Brown Stripe, Brown