

GigaFlex 2400 Cables Series
 ANSI/TIA/EIA-568-B.2-1, Category 6,
 Enhanced Category 6 Non-Bonded-Pair Cables

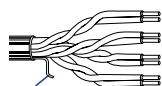
Certified System 2400

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 • 24 AWG • Solid 0.5 mm Bare Copper • Twisted Pair • Rip Cord

Polyolefin Insulation • PVC Jacket

White †	24566315	NEC:	1000	305	26.0	11.8	0.51 mm	0.042	1.06	Non-Bonded-Pair Unshielded U/UTP	0.214	5.44	0.772	1.8	75.0	73.2	70.0	100 ± 15	19.7	
Blue †	24566915	CMR					24 AWG							1	2.0	73.3	71.3	67.8	100 ± 15	20.0
White	24566345	CEC:					Solid BC							4	3.7	64.3	60.6	55.8	100 ± 15	23.0
Blue	24566945	CMR												8	5.2	59.8	54.6	49.7	100 ± 15	24.5
														10	5.8	58.3	52.5	47.8	100 ± 15	25.0
														16	7.4	55.2	47.9	43.7	100 ± 15	25.0
														20	8.3	53.8	45.5	41.8	100 ± 15	25.0
														25	9.3	52.3	43.1	39.8	100 ± 15	24.3
														31.25	10.4	50.9	40.5	37.9	100 ± 15	23.6
														62.5	15.0	46.4	31.4	31.9	100 ± 15	21.5
														100	19.3	43.3	24.0	27.8	100 ± 15	20.1
														200	28.3	38.8	10.5	21.8	100 ± 15	18.0
														250	32.1	37.3	5.3	19.8	100 ± 32	17.3
														300*	35.6	36.1	0.5	18.3	100 ± 32	16.8
														350*	38.9	35.1	-3.7	16.9	100 ± 32	16.3
														400*	42.0	34.3	-7.7	15.8	100 ± 32	15.9
														450*	45.0	33.5	-11.5	14.7	100 ± 32	15.5



Rip Cord

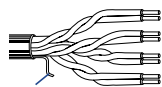
4-Pair

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

Violet-Reel	24568005	NEC:	1000	305	28.0	12.7	0.51 mm	0.043	1.08	Non-Bonded-Pair Unshielded U/UTP	0.214	5.44								see above	
Violet-Box	24568015	CMR	1000	305	28.0	12.7	24 AWG														
White-Box	24568315	CEC:	1000	305	28.0	12.7	Solid BC														
White-Reel	24568331	CMR	1640	500	45.9	20.8															



Rip Cord

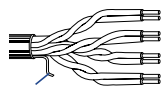
4-Pair

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 • Low-Smoke PVC Jacket

White †	24567315	NEC:	1000	305	24.0	10.9	0.51 mm	0.042	1.06	Non-Bonded-Pair Unshielded U/UTP	0.210	5.33								see above	
Blue †	24567915	CMR					24 AWG														
White	24567345	CEC:					Solid BC														
Blue	24567945	CMR																			



Rip Cord

4-Pair

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.
 † Reel-in-Box

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