

GigaFlex 4800LX Cable Series

ANSI/TIA/EIA-568-B.2-1, Category 6

Enhanced Category 6 Nonbonded-pair Cables

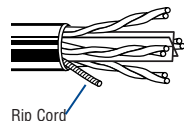
Certified System Cable

| Description | Part No. | UL NEC/ C(UL) CEC Type | No. of Pairs | Standard Lengths | | Standard Unit Wt. | | Nominal OD | | Max. DCR (Ω/100m) | Max. DCR Unbal. (%) | Max. Cap. Unbal. (pF/100m) | Freq. (MHz) | Max. Atten. (dB/100m) | Min. PSUM NEXT (dB) | Min. PSUM ACR (dB/100m) | Min. PSUM ELFEXT (dB/100m) | Input Imped. (Ω) | Min. RL (dB) |
|-------------|----------|------------------------|--------------|------------------|---|-------------------|----|------------|----|-------------------|---------------------|----------------------------|-------------|-----------------------|---------------------|-------------------------|----------------------------|------------------|--------------|
| | | | | Ft. | m | Lbs. | kg | Inch | mm | | | | | | | | | | |

23 AWG Solid Bare Copper Conductors • Twisted Pairs • Central Cross Web Filler • Rip Cord • See Color Code Chart (below)

Non-Plenum • Polyolefin Insulation • PVC Jacket

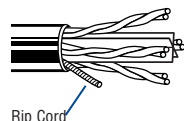
| | | | | | | | | | | | | | | | | | | | |
|--------------|-----------------|------|--------------------|------|-------|------|------|--------|------|-----|-----|----|-------|------|------|------|------|--------|------|
| White - Reel | 24586385 | NEC: | 4 | 1000 | 304.8 | 29.1 | 13.2 | .245 | 6.22 | 6.6 | 3.0 | 50 | 0.772 | 1.7 | 80.0 | 78.3 | 74.0 | 100±12 | — |
| Blue - Reel | 24586985 | CMR | | | | | | | | | | | 1.0 | 1.8 | 78.3 | 76.5 | 71.8 | 100±12 | 20.0 |
| | | CEC: | | | | | | | | | | | 4.0 | 3.4 | 69.3 | 65.9 | 59.7 | 100±12 | 23.0 |
| | | CMR | | | | | | | | | | | 8.0 | 4.8 | 64.8 | 60.0 | 53.7 | 100±12 | 25.0 |
| | | | | | | | | | | | | | 10.0 | 5.3 | 63.3 | 58.0 | 51.8 | 100±12 | 25.0 |
| | | | | | | | | | | | | | 16.0 | 6.8 | 60.3 | 53.5 | 47.7 | 100±12 | 25.0 |
| | | | | | | | | | | | | | 20.0 | 7.6 | 58.8 | 51.2 | 45.7 | 100±12 | 25.0 |
| | | | | | | | | | | | | | 25.0 | 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 |
| | | | | | | | | | | | | | 62.5 | 13.8 | 51.4 | 37.6 | 35.8 | 100±15 | 23.0 |
| | | | | | | | | | | | | | 100.0 | 17.8 | 48.3 | 30.5 | 31.8 | 100±15 | 22.1 |
| | | | | | | | | | | | | | 200.0 | 26.2 | 43.8 | 17.6 | 25.7 | 100±15 | 20.9 |
| | | | | | | | | | | | | | 250.0 | 29.7 | 42.3 | 12.6 | 23.8 | 100±20 | 20.5 |
| | | | 300.0 | 33.0 | 41.2 | 8.2 | 22.2 | 100±20 | 20.2 | | | | | | | | | | |
| | | | 350.0 | 36.1 | 40.2 | 4.1 | 20.9 | 100±22 | 19.9 | | | | | | | | | | |
| | | | 400.0 | 39.0 | 39.3 | 0.3 | 19.7 | 100±22 | 19.7 | | | | | | | | | | |
| | | | 450.0 [†] | 41.8 | 38.5 | -3.3 | 18.7 | 100±22 | 19.5 | | | | | | | | | | |
| | | | 500.0 [†] | 44.5 | 37.8 | -6.7 | 17.8 | 100±22 | 19.3 | | | | | | | | | | |
| | | | 550.0 [†] | 47.1 | 37.2 | -9.9 | 16.9 | 100±22 | 19.1 | | | | | | | | | | |



Jacket sequentially marked at 2 ft. intervals.
Featuring Descending Length Marking.
Third party verified to TIA/EIA-568-B.2-1, Category 6

Non-Plenum • Polyolefin Insulation - LSZH Polymer Alloy

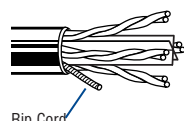
| | | | | | | | | | | | | | | | | | | | |
|---------------|-----------------|------|--------------------|------|-------|------|------|--------|------|-----|-----|----|-------|------|------|------|------|--------|------|
| Purple - Reel | 24588085 | NEC: | 4 | 1000 | 304.8 | 31.1 | 14.1 | .246 | 6.10 | 6.6 | 3.0 | 50 | 0.772 | 1.7 | 80.0 | 78.3 | 74.0 | 100±12 | — |
| | | CMR | | | | | | | | | | | 1.0 | 1.8 | 78.3 | 76.5 | 71.8 | 100±12 | 20.0 |
| | | CEC: | | | | | | | | | | | 4.0 | 3.4 | 69.3 | 65.9 | 59.7 | 100±12 | 23.0 |
| | | CMR | | | | | | | | | | | 8.0 | 4.8 | 64.8 | 60.0 | 53.7 | 100±12 | 25.0 |
| | | | | | | | | | | | | | 10.0 | 5.3 | 63.3 | 58.0 | 51.8 | 100±12 | 25.0 |
| | | | | | | | | | | | | | 16.0 | 6.8 | 60.3 | 53.5 | 47.7 | 100±12 | 25.0 |
| | | | | | | | | | | | | | 20.0 | 7.6 | 58.8 | 51.2 | 45.7 | 100±12 | 25.0 |
| | | | | | | | | | | | | | 25.0 | 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 |
| | | | | | | | | | | | | | 62.5 | 13.8 | 51.4 | 37.6 | 35.8 | 100±15 | 23.0 |
| | | | | | | | | | | | | | 100.0 | 17.8 | 48.3 | 30.5 | 31.8 | 100±15 | 22.1 |
| | | | | | | | | | | | | | 200.0 | 26.2 | 43.8 | 17.6 | 25.7 | 100±15 | 20.9 |
| | | | | | | | | | | | | | 250.0 | 29.7 | 42.3 | 12.6 | 23.8 | 100±20 | 20.5 |
| | | | 300.0 | 33.0 | 41.2 | 8.2 | 22.2 | 100±20 | 20.2 | | | | | | | | | | |
| | | | 350.0 | 36.1 | 40.2 | 4.1 | 20.9 | 100±22 | 19.9 | | | | | | | | | | |
| | | | 400.0 | 39.0 | 39.3 | 0.3 | 19.7 | 100±22 | 19.7 | | | | | | | | | | |
| | | | 450.0 [†] | 41.8 | 38.5 | -3.3 | 18.7 | 100±22 | 19.5 | | | | | | | | | | |
| | | | 500.0 [†] | 44.5 | 37.8 | -6.7 | 17.8 | 100±22 | 19.3 | | | | | | | | | | |
| | | | 550.0 [†] | 47.1 | 37.2 | -9.9 | 16.9 | 100±22 | 19.1 | | | | | | | | | | |



Jacket sequentially marked at 2 ft. intervals.
Featuring Descending Length Marking.
Third party verified to TIA/EIA-568-B.2-1, Category 6

Plenum • 100% FEP Insulation - LSZH Polymer Alloy

| | | | | | | | | | | | | | | | | | | | |
|--------------|-----------------|------|--------------------|------|-------|------|------|--------|------|-----|-----|----|-------|------|------|------|------|--------|------|
| White - Reel | 24587385 | NEC: | 4 | 1000 | 304.8 | 30.7 | 13.9 | .229 | 5.81 | 6.6 | 3.0 | 50 | 0.772 | 1.7 | 80.0 | 78.3 | 74.0 | 100±12 | — |
| Blue - Reel | 24587985 | CMP | | | | | | | | | | | 1.0 | 1.8 | 78.3 | 76.5 | 71.8 | 100±12 | 20.0 |
| | | CEC: | | | | | | | | | | | 4.0 | 3.4 | 69.3 | 65.9 | 59.7 | 100±12 | 23.0 |
| | | CMP | | | | | | | | | | | 8.0 | 4.8 | 64.8 | 60.0 | 53.7 | 100±12 | 25.0 |
| | | | | | | | | | | | | | 10.0 | 5.3 | 63.3 | 58.0 | 51.8 | 100±12 | 25.0 |
| | | | | | | | | | | | | | 16.0 | 6.8 | 60.3 | 53.5 | 47.7 | 100±12 | 25.0 |
| | | | | | | | | | | | | | 20.0 | 7.6 | 58.8 | 51.2 | 45.7 | 100±12 | 25.0 |
| | | | | | | | | | | | | | 25.0 | 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 |
| | | | | | | | | | | | | | 62.5 | 13.8 | 51.4 | 37.6 | 35.8 | 100±15 | 23.0 |
| | | | | | | | | | | | | | 100.0 | 17.8 | 48.3 | 30.5 | 31.8 | 100±15 | 22.1 |
| | | | | | | | | | | | | | 200.0 | 26.2 | 43.8 | 17.6 | 25.7 | 100±15 | 20.9 |
| | | | | | | | | | | | | | 250.0 | 29.7 | 42.3 | 12.6 | 23.8 | 100±20 | 20.5 |
| | | | 300.0 | 33.0 | 41.2 | 8.2 | 22.2 | 100±20 | 20.2 | | | | | | | | | | |
| | | | 350.0 | 36.1 | 40.2 | 4.1 | 20.9 | 100±22 | 19.9 | | | | | | | | | | |
| | | | 400.0 | 39.0 | 39.3 | 0.3 | 19.7 | 100±22 | 19.7 | | | | | | | | | | |
| | | | 450.0 [†] | 41.8 | 38.5 | -3.3 | 18.7 | 100±22 | 19.5 | | | | | | | | | | |
| | | | 500.0 [†] | 44.5 | 37.8 | -6.7 | 17.8 | 100±22 | 19.3 | | | | | | | | | | |
| | | | 550.0 [†] | 47.1 | 37.2 | -9.9 | 16.9 | 100±22 | 19.1 | | | | | | | | | | |



Jacket sequentially marked at 2 ft. intervals.
Featuring Descending Length Marking.
Third party verified to TIA/EIA-568-B.2-1, Category 6

ACR = Attenuation Crosstalk Ratio • DCR = DC Resistance • ELFEXT = Equal Level Far-end Crosstalk • NEXT = Near-end Crosstalk • PSUM = Power Sum • RL = Return Loss • UTP = Unshielded Twisted Pair(s)

[†]Values provided for information only.

Color Codes: GigaFlex 4800LX

| Pair No. | Color Combination |
|----------|------------------------------|
| 1 | White/Blue Stripe & Blue |
| 2 | White/Orange Stripe & Orange |
| 3 | White/Green Stripe & Green |
| 4 | White/Brown Stripe & Brown |