

Category Cables



97272

Category 6 Cables

| Part Number | Description | Pairs | UL Type | Weight (Nom.) | Outside Dia. (Nom.) | Packaging | Jacket Color |
|-------------|--|-------|---------|---------------|---------------------|-----------------|--|
| 97272 | Cat 6 23/4pr solid BC ETL Verified, Tested to 600 MHz | 4 | CMR | 32 lbs | 0.230" | 1,000' RIB (16) | Orange (03) Green (05) Blue (06) Gray (09) |
| 977964 | Cat 6 23/4pr solid BC Plenum Rated ETL Verified, Tested to 600 MHz | 4 | CMP | 26 lbs | 0.210" | 1,000' RIB (16) | Orange (03) Green (05) Blue (06) Natural (23) |

| Freq. (MHz) | Attn. (dB/100m) Max | NEXT loss (dB) Min | PSNEXT loss (dB) Min | ACR (dB@100m) Min | PSACR (dB@100m) Min | ELFEXT (dB@100m) Min | PSELFEXT (dB@100m) Min | Ret. Loss (dB) Max | Specification | Value |
|-------------|---------------------|--------------------|----------------------|-------------------|---------------------|----------------------|------------------------|--------------------|--|------------|
| 1 | 2.0 | 74.3 | 72.3 | 72.3 | 70.3 | 67.8 | 64.8 | 20.0 | Mutual Capacitance: (nF / 100m) Nominal | 4.4 |
| 10 | 6.0 | 59.3 | 57.3 | 53.3 | 51.3 | 47.8 | 44.8 | 25.0 | DC Resistance: (Ohms / 100m @ 20°C) Max | 8.9 |
| 16 | 7.6 | 56.2 | 54.2 | 48.6 | 46.6 | 43.7 | 40.7 | 25.0 | Delay Skew: (ns / 100m) Max | 25 |
| 20 | 8.5 | 54.8 | 52.8 | 46.3 | 44.3 | 41.8 | 38.8 | 25.0 | Velocity of Propagation: Non-Plenum (%): | 70 |
| 31.25 | 10.7 | 51.9 | 49.9 | 41.2 | 39.2 | 37.9 | 34.9 | 23.6 | Plenum (%): | 72 |
| 62.5 | 15.4 | 47.4 | 45.4 | 32.0 | 30.0 | 31.9 | 28.9 | 21.5 | Input Impedance: (Ohms @ 1-100 MHz) | 100 +/- 15 |
| 100 | 19.8 | 44.3 | 42.3 | 24.5 | 22.5 | 27.8 | 24.8 | 20.1 | (Ohms @ 100-600 MHz) | 100 +/- 32 |
| 200 | 29.0 | 39.8 | 37.8 | 10.8 | 8.8 | 21.8 | 18.8 | 18.0 | | |
| 250 | 32.8 | 38.3 | 36.3 | 5.5 | 3.5 | 19.8 | 16.8 | 17.3 | | |
| 350 | 40.0 | 36.2 | 34.2 | - | - | 16.9 | 13.9 | 16.3 | | |
| 400 | 43.2 | 35.3 | 33.3 | - | - | 15.7 | 12.7 | 15.9 | | |



96263

Category 5e Cables

| Part Number | Description | Pairs | UL Type | Weight (Nom.) | Outside Dia. (Nom.) | Packaging | Jacket Color |
|-------------|--|-------|---------|---------------|---------------------|------------------------------------|---|
| 96262 | Cat 5e 24/4pr solid BC ETL Verified, Tested to 350 MHz | 4 | CM | 24 lbs | 0.185" | 1,000' Box (46) | Blue (06) |
| 96263 | Cat 5e 24/4pr solid BC ETL Verified, Tested to 350 MHz | 4 | CMR | 24 lbs | 0.185" | 1,000' RIB (16) 1,000' Box (46) | White (01) Yellow (02) Orange (03) Green (05) Blue (06) Gray (09) Pink (21) |
| 96963 | 2x Cat 5e 24/4pr solid BC Dual (Parallel) construction ETL Verified, Tested to 350 MHz | 4 + 4 | CMR | 51 lbs | 0.185" x 0.370" | 1,000' Reel (06) | Blue (06) |
| 966956 | Cat 5e 24/4pr solid BC Plenum Rated ETL Verified, Tested to 350 MHz | 4 | CMP | 21 lbs | 0.180" | 1,000' RIB (16) | Yellow (02) Orange (03) Green (05) Blue (06) Gray (09) Natural (23) |
| 96294 | Cat 5e 24/4pr solid BC For direct burial use (flooded) | 4 | n/a | 20 lbs | 0.250" | 1,000' Reel (06) | Black (08) |

| Freq. (MHz) | Attn. (dB/100m) Max | NEXT loss (dB) Min | PSNEXT loss (dB) Min | ACR (dB@100m) Min | PSACR (dB@100m) Min | ELFEXT (dB@100m) Min | PSELFEXT (dB@100m) Min | Ret. Loss (dB) Max | Specification | Value |
|-------------|---------------------|--------------------|----------------------|-------------------|---------------------|----------------------|------------------------|--------------------|--|------------|
| 1 | 2.0 | 65.3 | 62.5 | 63.3 | 60.3 | 63.8 | 60.8 | 20.0 | Mutual Capacitance: (nF / 100m) Nominal | 4.4 |
| 10 | 6.5 | 50.3 | 47.3 | 43.8 | 40.8 | 43.8 | 40.8 | 25.0 | DC Resistance: (Ohms / 100m @ 20°C) Max | 8.9 |
| 16 | 8.2 | 47.3 | 44.3 | 39.1 | 36.1 | 39.7 | 36.7 | 25.0 | Delay Skew: (ns / 100m) Max | 45 |
| 20 | 9.3 | 45.8 | 42.8 | 36.5 | 33.5 | 37.7 | 34.7 | 25.0 | Velocity of Propagation: Non-Plenum (%): | 70 |
| 31.25 | 11.7 | 42.9 | 39.9 | 31.2 | 28.2 | 33.9 | 30.9 | 23.6 | Plenum (%): | 72 |
| 62.5 | 17.0 | 38.4 | 35.4 | 21.4 | 18.4 | 27.8 | 24.8 | 21.5 | Input Impedance: (Ohms @ 1-100 MHz) | 100 +/- 15 |
| 100 | 22.0 | 35.3 | 32.3 | 13.3 | 10.3 | 23.8 | 20.8 | 20.1 | | |



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| 977964 | Cat 6 23/4pr solid BC Plenum Rated ETL Verified, Tested to 600 MHz | 4 | CMP | 26 lbs | 0.210" | 1,000' RIB (16) | Orange (03) Green (05) Blue (06) Natural (23) |

| Freq. (MHz) | Attn. (dB/100m) Max | NEXT loss (dB) Min | PSNEXT loss (dB) Min | ACR (dB@100m) Min | PSACR (dB@100m) Min | ELFEXT (dB@100m) Min | PSELFEXT (dB@100m) Min | Ret. Loss (dB) Max | Specification | Value |
|-------------|---------------------|--------------------|----------------------|-------------------|---------------------|----------------------|------------------------|--------------------|--|------------|
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| 10 | 6.0 | 59.3 | 57.3 | 53.3 | 51.3 | 47.8 | 44.8 | 25.0 | DC Resistance: (Ohms / 100m @ 20°C) Max | 8.9 |
| 16 | 7.6 | 56.2 | 54.2 | 48.6 | 46.6 | 43.7 | 40.7 | 25.0 | Delay Skew: (ns / 100m) Max | 25 |
| 20 | 8.5 | 54.8 | 52.8 | 46.3 | 44.3 | 41.8 | 38.8 | 25.0 | Velocity of Propagation: Non-Plenum (%): | 70 |
| 31.25 | 10.7 | 51.9 | 49.9 | 41.2 | 39.2 | 37.9 | 34.9 | 23.6 | Plenum (%): | 72 |
| 62.5 | 15.4 | 47.4 | 45.4 | 32.0 | 30.0 | 31.9 | 28.9 | 21.5 | Input Impedance: (Ohms @ 1-100 MHz) | 100 +/- 15 |
| 100 | 19.8 | 44.3 | 42.3 | 24.5 | 22.5 | 27.8 | 24.8 | 20.1 | (Ohms @ 100-600 MHz) | 100 +/- 32 |
| 200 | 29.0 | 39.8 | 37.8 | 10.8 | 8.8 | 21.8 | 18.8 | 18.0 | | |
| 250 | 32.8 | 38.3 | 36.3 | 5.5 | 3.5 | 19.8 | 16.8 | 17.3 | | |
| 350 | 40.0 | 36.2 | 34.2 | - | - | 16.9 | 13.9 | 16.3 | | |
| 400 | 43.2 | 35.3 | 33.3 | - | - | 15.7 | 12.7 | 15.9 | | |



96263

Category 5e Cables

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|-------------|--|-------|---------|---------------|---------------------|------------------------------------|---|
| 96262 | Cat 5e 24/4pr solid BC ETL Verified, Tested to 350 MHz | 4 | CM | 24 lbs | 0.185" | 1,000' Box (46) | Blue (06) |
| 96263 | Cat 5e 24/4pr solid BC ETL Verified, Tested to 350 MHz | 4 | CMR | 24 lbs | 0.185" | 1,000' RIB (16) 1,000' Box (46) | White (01) Yellow (02) Orange (03) Green (05) Blue (06) Gray (09) Pink (21) |
| 96963 | 2x Cat 5e 24/4pr solid BC Dual (Parallel) construction ETL Verified, Tested to 350 MHz | 4 + 4 | CMR | 51 lbs | 0.185" x 0.370" | 1,000' Reel (06) | Blue (06) |
| 966956 | Cat 5e 24/4pr solid BC Plenum Rated ETL Verified, Tested to 350 MHz | 4 | CMP | 21 lbs | 0.180" | 1,000' RIB (16) | Yellow (02) Orange (03) Green (05) Blue (06) Gray (09) Natural (23) |
| 96294 | Cat 5e 24/4pr solid BC For direct burial use (flooded) | 4 | n/a | 20 lbs | 0.250" | 1,000' Reel (06) | Black (08) |

| Freq. (MHz) | Attn. (dB/100m) Max | NEXT loss (dB) Min | PSNEXT loss (dB) Min | ACR (dB@100m) Min | PSACR (dB@100m) Min | ELFEXT (dB@100m) Min | PSELFEXT (dB@100m) Min | Ret. Loss (dB) Max | Specification | Value |
|-------------|---------------------|--------------------|----------------------|-------------------|---------------------|----------------------|------------------------|--------------------|--|------------|
| 1 | 2.0 | 65.3 | 62.5 | 63.3 | 60.3 | 63.8 | 60.8 | 20.0 | Mutual Capacitance: (nF / 100m) Nominal | 4.4 |
| 10 | 6.5 | 50.3 | 47.3 | 43.8 | 40.8 | 43.8 | 40.8 | 25.0 | DC Resistance: (Ohms / 100m @ 20°C) Max | 8.9 |
| 16 | 8.2 | 47.3 | 44.3 | 39.1 | 36.1 | 39.7 | 36.7 | 25.0 | Delay Skew: (ns / 100m) Max | 45 |
| 20 | 9.3 | 45.8 | 42.8 | 36.5 | 33.5 | 37.7 | 34.7 | 25.0 | Velocity of Propagation: Non-Plenum (%): | 70 |
| 31.25 | 11.7 | 42.9 | 39.9 | 31.2 | 28.2 | 33.9 | 30.9 | 23.6 | Plenum (%): | 72 |
| 62.5 | 17.0 | 38.4 | 35.4 | 21.4 | 18.4 | 27.8 | 24.8 | 21.5 | Input Impedance: (Ohms @ 1-100 MHz) | 100 +/- 15 |
| 100 | 22.0 | 35.3 | 32.3 | 13.3 | 10.3 | 23.8 | 20.8 | 20.1 | | |

