



Cable & Wire Main Selection

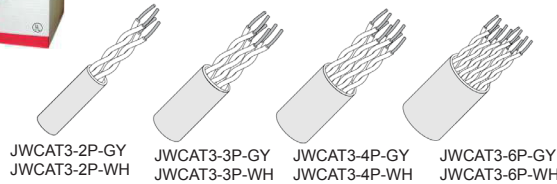
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|---|-----|
| Data & Low Voltage..... | 454 |
| Speaker Cables & Thermostat Cables..... | 459 |

DATA & LOW-VOLTAGE CABLES

CAT3 UTP Cables

Features:

- Non-Plenum
- 0.018"-Thick PVC Jacket
- PE Insulation
- Type CM or MP
- 24 AWG Solid Cu Conductors
- 100 Ohms, up to 60 MHZ
- In Pull-Back Boxes



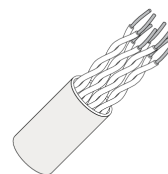
| Frequency (MHz) | Attenuation (dB/100m) |
|-----------------|-----------------------|
| 0.772 | 2.2 |
| 1 | 2.6 |
| 4 | 5.6 |
| 8 | 8.5 |
| 10 | 9.7 |
| 16 | 13.1 |

| ITEM # | # OF PAIRS | # OUTSIDE DIA. (IN.) | PVC JACKET COLOR | CONDUCTOR INSULATION COLORS | LENGTH/ PKG. (FT.) | WEIGHT/ PKG. (LBS.) |
|----------------|------------|----------------------|------------------|---|--------------------|---------------------|
| # JWCAT3-2P-GY | 2 | 0.140 | Gray | White/Orange, White/Blue | 1000 | 12.13 |
| # JWCAT3-2P-WH | 2 | 0.140 | White | White/Orange, White/Blue | 1000 | 12.13 |
| # JWCAT3-3P-GY | 3 | 0.160 | Gray | White/Orange, White/Blue, White/Green | 1000 | 15.44 |
| # JWCAT3-3P-WH | 3 | 0.160 | White | White/Orange, White/Blue, White/Green | 1000 | 15.44 |
| # JWCAT3-4P-GY | 4 | 0.180 | Gray | White/Orange, White/Blue, White/Green, White/Brown | 1000 | 22.71 |
| # JWCAT3-4P-WH | 4 | 0.180 | White | White/Orange, White/Blue, White/Green, White/Brown | 1000 | 22.71 |
| # JWCAT3-6P-GY | 6 | 0.210 | Gray | White/Orange, White/Blue, White/Green, White/Brown, White/Slate, Red/Blue | 1000 | 26.46 |
| # JWCAT3-6P-WH | 6 | 0.210 | White | White/Orange, White/Blue, White/Green, White/Brown, White/Slate, Red/Blue | 1000 | 26.46 |

CAT5E UTP Cables 100MHz Enhanced

Features:

- Non-Plenum
- 0.021"-Thick PVC Jacket
- PE Insulation
- Type CM or MP
- 24 AWG Solid Cu Conductors
- 100 Ohms, Up to 100 MHz
- -40° C to 70° C Operating Temp
- 65% Velocity of Propagation
- In Pull-Pack Boxes



JWCAT5E-4P-GY
JWCAT5E-4P-WH

| Frequency (MHz) | Attenuation (dB/100m) |
|-----------------|-----------------------|
| 0.772 | 1.8 |
| 1 | 2.0 |
| 4 | 4.1 |
| 8 | 5.8 |
| 10 | 6.5 |
| 16 | 8.2 |
| 20 | 9.3 |
| 25 | 10.4 |
| 31.3 | 11.7 |
| 62.5 | 17.0 |
| 100 | 22.0 |

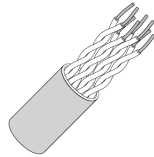
| ITEM # | # OF PAIRS | # OUTSIDE DIA. (IN.) | PVC JACKET COLOR | CONDUCTOR INSULATION COLORS | LENGTH/ PKG. (FT.) | WEIGHT/ PKG. (LBS.) |
|-----------------|------------|----------------------|------------------|--|--------------------|---------------------|
| # JWCAT5E-4P-GY | 4 | 0.195 | Gray | White/Orange, White/Blue, White/Green, White/Brown | 1000 | 22.71 |
| # JWCAT5E-4P-YE | 4 | 0.195 | Yellow | White/Orange, White/Blue, White/Green, White/Brown | 1000 | 22.71 |



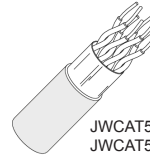
CAT5E UTP Cables 350MHz Enhanced

Features:

- Non-Plenum
- 0.022"-Thick PVC Jacket
- PE Insulation
- Type CM or MP
- 24 AWG Bare Cu Conductors
- 93.8 Ohms, Up to 350 MHz
- -40° C to 75° C Operating Temp
- 65% Velocity of Propagation
- In Reel-in-Box Packaging



JWCAT5E-350-4P-GN
JWCAT5E-350-4P-GY
JWCAT5E-350-4P-WH
JWCAT5E-350-4P-YE
JWCAT5E-350-4P-BK



JWCAT5E-350-STP-GY
JWCAT5E-350-4P-BK

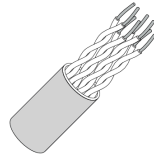
| Frequency (MHz) | Attenuation (dB/100m) |
|-----------------|-----------------------|
| 0.772 | 1.8 |
| 1.0 | 2.0 |
| 4.0 | 4.1 |
| 8.0 | 5.8 |
| 10.0 | 6.5 |
| 16.0 | 8.2 |
| 20.0 | 9.3 |
| 25.0 | 10.4 |
| 31.3 | 11.7 |
| 62.5 | 17.0 |
| 100.0 | 22.0 |
| 200.0 | 32.4 |
| 240.0 | 36.0 |
| 300.0 | 41.0 |
| 350.0 | 44.9 |

| ITEM # | # OF PAIRS | # OUTSIDE DIA. (IN.) | PVC JACKET COLOR | CONDUCTOR INSULATION COLORS | LENGTH/ PKG. (FT.) | WEIGHT/ PKG. (LBS.) |
|---|------------|----------------------|------------------|--|--------------------|---------------------|
| # JWCAT5E-350-4P-GN | 4 | 0.213 | Green | | 1000 | 22.85 |
| # JWCAT5E-350-4P-GY | 4 | 0.213 | Gray | | 1000 | 22.85 |
| # JWCAT5E-350-4P-WH | 4 | 0.213 | White | | 1000 | 22.85 |
| # JWCAT5E-350-4P-YE | 4 | 0.213 | Yellow | White/Orange, White/Blue, White/Green, White/Brown | 1000 | 22.85 |
| # JWCAT5E-350-STP-4P-GY (Shielded Twisted Pair) | 4 | 0.213 | Gray | | 1000 | 28.70 |
| # JWCAT5EDB-350-4P-BK (Direct Burial) | 4 | 0.213 | Black | | 1000 | 32.20 |
| # JWCAT5EO-350-4P-BK (Outdoor Use) | 4 | 0.213 | Black | | 1000 | 19.90 |

CAT5EP Plenum UTP Cables 350MHz Enhanced

Features:

- Plenum
- 0.023"-Thick PVC Jacket
- FEP Insulation
- Type CMP
- 24 AWG Bare Cu Conductors
- 93.8 Ohms, Up to 350 MHz
- -40° C to 70° C Operating Temp
- 65% Velocity of Propagation
- In Reel-in-Box or Pull-Box Packaging



JWCAT5EP-350-4P-BU
JWCAT5EP-350-4P-WH
JWCAT5EP-350-4P-GY
JWCAT5EP-350-4P-YE
JWCAT5EP-350-4P-GN

| Frequency (MHz) | Attenuation (dB/100m) |
|-----------------|-----------------------|
| 1.0 | 2.0 |
| 4.0 | 4.1 |
| 8.0 | 5.8 |
| 10.0 | 6.5 |
| 16.0 | 8.2 |
| 20.0 | 9.3 |
| 25.0 | 10.4 |
| 31.25 | 11.7 |
| 62.5 | 17.0 |
| 100.0 | 22.0 |
| 155.0 | 28.1 |
| 200.0 | 32.4 |
| 250.0 | 36.9 |
| 300.0 | 41.0 |
| 350.0 | 44.9 |

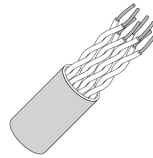
| ITEM # | # OF PAIRS | # OUTSIDE DIA. (IN.) | PVC JACKET COLOR | CONDUCTOR INSULATION COLORS | LENGTH/ PKG. (FT.) | WEIGHT/ PKG. (LBS.) |
|----------------------|------------|----------------------|------------------|--|--------------------|---------------------|
| # JWCAT5EP-350-4P-BU | 4 | 0.209 | Blue | | 1000 | 22.45 |
| # JWCAT5EP-350-4P-WH | 4 | 0.209 | White | White/Orange, White/Blue, White/Green, White/Brown | 1000 | 22.45 |
| # JWCAT5EP-350-4P-GY | 4 | 0.209 | Gray | | 1000 | 22.45 |
| # JWCAT5EP-350-4P-YE | 4 | 0.209 | Yellow | | 1000 | 22.45 |
| # JWCAT5EP-350-4P-GN | 4 | 0.209 | Green | | 1000 | 22.45 |



CAT5ER Riser UTP Cables 350MHz Enhanced

Features:

- Riser
- 0.023"-Thick PVC Jacket
- PE Insulation
- Type CMR
- 24 AWG Bare Cu Conductors
- 93.8 Ohms, Up to 350 MHz
- -40° C to 75° C Operating Temp
- 65% Velocity of Propagation
- In Reel-in-Box or Pull-Box Packaging



JWCAT5ER-350-4P-BU
JWCAT5ER-350-4P-WH
JWCAT5ER-350-4P-YE

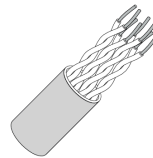
| Frequency (MHz) | Attenuation (dB/100m) |
|-----------------|-----------------------|
| 0.772 | 1.8 |
| 1.0 | 2.0 |
| 4.0 | 4.1 |
| 8.0 | 5.8 |
| 10.0 | 6.5 |
| 16.0 | 8.2 |
| 20.0 | 9.3 |
| 25.0 | 10.4 |
| 31.3 | 11.7 |
| 62.5 | 17.0 |
| 100.0 | 22.0 |
| 200.0 | 32.4 |
| 300.0 | 41.0 |
| 350.0 | 44.9 |

| ITEM # | # OF PAIRS | # OUT-SIDE DIA. (IN.) | PVC JACKET COLOR | CONDUCTOR INSULATION COLORS | LENGTH/ PKG. (FT.) | WEIGHT/ PKG. (LBS.) |
|----------------------|------------|-----------------------|------------------|-----------------------------|--------------------|---------------------|
| # JWCAT5ER-350-4P-BU | 4 | 0.197 | Blue | White/Orange, | 1000 | 20.20 |
| # JWCAT5ER-350-4P-WH | 4 | 0.197 | White | White/Blue, | 1000 | 20.20 |
| # JWCAT5ER-350-4P-YE | 4 | 0.197 | Yellow | White/Green | 1000 | 20.20 |

CAT5P Riser UTP Cables 550MHz

Features:

- Plenum
- 0.023"-Thick PVC Jacket
- FEP Insulation
- Type CMP
- 23 AWG Solid Cu Conductors
- 93.8 Ohms, Up to 550 MHz
- -40° C to 70° C Operating Temp
- 65% Velocity of Propagation
- In Reel-in-Box or Pull-Box Packaging



JWCAT6P-550-4P-BU
JWCAT6P-550-4P-WH

| Frequency (MHz) | Attenuation (dB/100m) |
|-----------------|-----------------------|
| 1.0 | 2.0 |
| 4.0 | 3.8 |
| 8.0 | 5.4 |
| 10.0 | 6.0 |
| 16.0 | 7.7 |
| 20.0 | 8.6 |
| 25.0 | 9.6 |
| 31.25 | 10.8 |
| 62.5 | 15.7 |
| 100.0 | 20.2 |
| 200.0 | 29.8 |
| 250.0 | 33.8 |
| 300.0 | 34.9 |
| 350.0 | 36.3 |
| 400.0 | 39.6 |
| 500.0 | 45.4 |
| 550.0 | 48.3 |

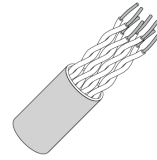
| ITEM # | # OF PAIRS | # OUT-SIDE DIA. (IN.) | PVC JACKET COLOR | CONDUCTOR INSULATION COLORS | LENGTH/ PKG. (FT.) | WEIGHT/ PKG. (LBS.) |
|---------------------|------------|-----------------------|------------------|-----------------------------|--------------------|---------------------|
| # JWCAT6P-550-4P-BU | 4 | 0.209 | Blue | White/Orange, White/Blue, | 1000 | 28.55 |
| # JWCAT6P-550-4P-WH | 4 | 0.209 | White | White/Green, White/Brown | 1000 | 28.55 |



CAT6R Riser UTP Cables 550MHz

Features:

- Riser
- 0.023"-Thick PVC Jacket
- PE Insulation
- Type CMR
- 23 AWG Bare Cu Conductors
- 95 Ohms, Up to 550 MHz
- -40° C to 75° C Operating Temp
- 65% Velocity of Propagation
- In Reel-in-Box or Pull-Box Packaging



JWCAT6R-550-4P-BU
JWCAT6R-550-4P-WH

| Frequency (MHz) | Attenuation (dB/100m) |
|-----------------|-----------------------|
| 0.772 | 1.8 |
| 1.0 | 2.0 |
| 4.0 | 3.8 |
| 8.0 | 5.3 |
| 10.0 | 6.0 |
| 16.0 | 7.6 |
| 20.0 | 8.5 |
| 25.0 | 9.5 |
| 31.25 | 10.7 |
| 62.5 | 15.4 |
| 100.0 | 19.8 |
| 200.0 | 29.0 |
| 250.0 | 32.8 |
| 350.0 | 39.8 |
| 450.0 | 46.0 |
| 550.0 | 51.7 |

| ITEM # | # OF PAIRS | # OUTSIDE DIA. (IN.) | PVC JACKET COLOR | CONDUCTOR INSULATION COLORS | LENGTH/ PKG. (FT.) | WEIGHT/ PKG. (LBS.) |
|---------------------|------------|----------------------|------------------|-----------------------------|--------------------|---------------------|
| # JWCAT6R-550-4P-BU | 4 | 0.244 | Blue | White/Orange, White/Blue, | 1000 | 28.25 |
| # JWCAT6R-550-4P-WH | 4 | 0.244 | White | White/Green, White/Brown | 1000 | 28.25 |

RG6U & RG6U-Q CATV COAXIAL Cables 1000 MHz

Features:

- CATV and CL2 Rated
- Non-Plenum
- 18 AWG CCS with Dielectric Jacket
- Non-Contaminating PVC Jacket
- 75 Ohms Nominal Impedance
- 54 pF/m Nominal Capacitance
- -20° C to 60° C Operating Temp.
- 150V Working Voltage
- 82% Velocity of Propagation
- In Boxes or Wooden Reels



JWG6U-WH
JWRG6U-BK
JWRG6U-WH-M
JWRG6U-BK-M



JWRG6U-Q-WH
JWRG6U-Q-BK
JWRG6U-Q-WH-M
JWRG6U-Q-BK-M

| ITEM # | DESCRIPTION | # OUTER DIA. (IN.) | COLOR | PKG. | LENGTH/ PKG. (FT.) | WEIGHT/ PKG. (LBS.) |
|-----------------|-----------------------------------|--------------------|-------|----------|--------------------|---------------------|
| # JWRG6U-WH-M | 60% AL Braided | 0.272 | White | Reel | 1000 | 47.67 |
| # JWRG6U-BK-M | 60% AL Braided | 0.272 | Black | Reel | 1000 | 47.67 |
| # JWRG6U-WH | 60% AL Braided | 0.272 | White | Pull-Box | 500 | 23.84 |
| # JWRG6U-BK | 60% AL Braided | 0.272 | Black | Pull-Box | 500 | 23.84 |
| # JWRG6U-Q-WH-M | 60%/40% Al Braided, Quad-Shielded | 0.297 | White | Reel | 1000 | 48.67 |
| # JWRG6U-Q-BK-M | 60%/40% Al Braided, Quad-Shielded | 0.297 | Black | Reel | 1000 | 48.67 |
| # JWRG6U-Q-WH | 60%/40% Al Braided, Quad-Shielded | 0.297 | White | Pull-Box | 500 | 24.33 |
| # JWRG6U-Q-BK | 60%/40% Al Braided, Quad-Shielded | 0.297 | Black | Pull-Box | 500 | 24.33 |

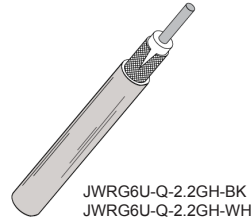
| Frequency (MHz) | Attenuation (dB/100m) |
|-----------------|-----------------------|
| 10 | 0.6 |
| 50 | 1.5 |
| 100 | 2.1 |
| 200 | 3.1 |
| 400 | 4.9 |
| 700 | 6.9 |
| 1000 | 7.4 |



RG6U-Q CATV COAXIAL Cables 2200 MHz

Features:

- CATV and CL2 Rated
- Non-Plenum
- 18 AWG Solid Cu
- With Dielectric Jacket
- 100% Dual Tape Bonded
- Non-Contaminating PVC Jacket
- 75 Ohms Nominal Impedance
- 54 pF/m Nominal Capacitance
- -20° C to 60° C Operating Temp.
- 150V Working Voltage
- 85% Velocity of Propagation
- In Boxes or Wooden Reels



JWRG6U-Q-2.2GH-BK
JWRG6U-Q-2.2GH-WH

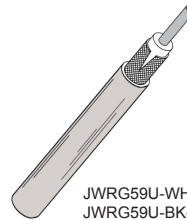
| Frequency (MHz) | Attenuation (dB/100m) |
|-----------------|-----------------------|
| 10 | 0.8 |
| 50 | 1.4 |
| 100 | 1.9 |
| 200 | 2.9 |
| 400 | 3.9 |
| 700 | 5.4 |
| 1000 | 7.0 |
| 1200 | 8.9 |
| 1450 | 10.1 |
| 1800 | 10.9 |
| 2000 | 11.1 |
| 2200 | 11.3 |

| ITEM # | DESCRIPTION | # OUTER DIA. (IN.) | COLOR | PKG. | LENGTH/ PKG. (FT.) | WEIGHT/ PKG. (LBS.) |
|---------------------|-----------------------------------|--------------------|-------|------|--------------------|---------------------|
| # JWRG6U-Q-2.2GH-BK | 60%/40% Al Braided, Quad-Shielded | 0.297 | White | Reel | 1000 | 48.67 |
| # JWRG6U-Q-2.2GH-WH | 60%/40% Al Braided, Quad-Shielded | 0.297 | Black | Reel | 1000 | 48.67 |

RG59U CATV COAXIAL Cables 1000 MHz

Features:

- CATV and CL2 Rated
- Non-Plenum
- 20 AWG 21% CCS
- Non-Contaminating PVC Jacket
- 75 Ohms Nominal Impedance
- 52.5 pF/m Nominal Capacitance
- -20° C to 60° C Operating Temp.
- 150V Working Voltage
- 81% Velocity of Propagation
- In Wooden Reels



JWRG59U-WH-M
JWRG59U-BK-M

| Frequency (MHz) | Attenuation (dB/100m) |
|-----------------|-----------------------|
| 10 | 0.8 |
| 50 | 1.8 |
| 100 | 2.5 |
| 200 | 3.6 |
| 400 | 5.3 |
| 700 | 7.5 |
| 1000 | 9.3 |

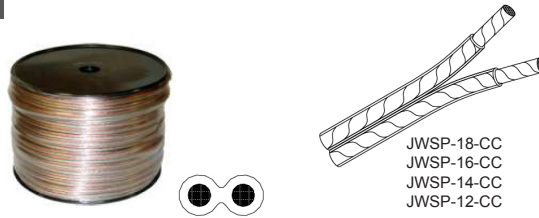
| ITEM # | DESCRIPTION | # OUTER DIA. (IN.) | COLOR | PKG. | LENGTH/ PKG. (FT.) | WEIGHT/ PKG. (LBS.) |
|----------------|----------------|--------------------|-------|------|--------------------|---------------------|
| # JWRG59U-WH-M | 95% AL Braided | 0.193 | White | Reel | 1000 | 37.50 |
| # JWRG59U-BK-M | 95% AL Braided | 0.193 | Black | Reel | 1000 | 37.50 |



Speaker Cables

Features:

- 2 Cu Conductors, Stranded
- PVC-Insulated
- CL2-Rated
- -20° C to 60° C Operating Temp.
- 300V Max. Operating Voltage
- 30.87 pF/ft Capacitance @ 1KHz
- In Plastic Reels

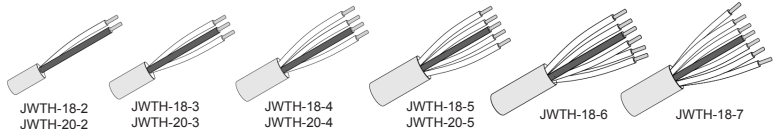


| ITEM # | JACKET / COLOR | AWG | OHMS PER 1000 FT. | NOM. DIA. (IN.) | LENGTH/ PKG. (FT.) | WEIGHT/ PKG. (LBS.) |
|--------------|----------------|------|-------------------|-----------------|--------------------|---------------------|
| # JWSP-18-CC | PVC, Clear | 18/2 | 6.42 | .121 x .236 | 500 | 17.00 |
| # JWSP-16-CC | PVC, Clear | 16/2 | 4.06 | .137 x .294 | 500 | 17.00 |
| # JWSP-14-CC | PVC, Clear | 14/2 | 2.56 | .166 x .352 | 500 | 17.00 |
| # JWSP-12-CC | PVC, Clear | 12/2 | 1.54 | .207 x .434 | 500 | 17.00 |

Thermostat Cables

Features:

- For HVAC Thermostat Systems & Low-Voltage Applications
- Non-Plenum
- PVC Jacket
- CL2-Rated
- -20° C to 60° C Operating Temp.
- 150V Max. Operating Voltage
- In Plastic Reels



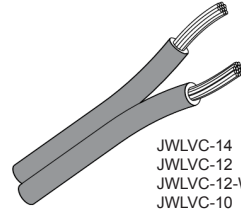
| ITEM # | DESCRIPTION | SOLID AWG | # OUTSIDE DIA. (IN.) | PVC JACKET COLOR | CONDUCTOR INSUL. COLORS | LENGTH/ PKG. (FT.) | WEIGHT/ PKG. (LBS.) |
|-------------|-------------|-----------|----------------------|------------------|--|--------------------|---------------------|
| # JWTH-18-2 | Two-Wire | 18/2 | 0.132 | Brown | White/Red | 500 | 9.26 |
| # JWTH-18-3 | Three-Wire | 18/3 | 0.140 | Brown | White/Red/Green | 500 | 12.26 |
| # JWTH-18-4 | Four-Wire | 18/4 | 0.154 | Brown | White/Red/Green/Blue | 250 | 7.25 |
| # JWTH-18-5 | Five-Wire | 18/5 | 0.170 | Brown | White/Red/Green/Blue/ Yellow | 250 | 9.25 |
| # JWTH-18-6 | Six-Wire | 18/6 | 0.186 | Brown | White/Red/Green/Blue/ Yellow/Brown | 250 | 10.15 |
| # JWTH-18-7 | Seven-Wire | 18/7 | 0.194 | Brown | White/Red/Green/Blue/ Yellow/Brown/Orange | 250 | 11.00 |
| # JWTH-20-2 | Two-Wire | 20/2 | 0.114 | Brown | White/Red | 250 | 4.25 |
| # JWTH-20-3 | Three-Wire | 20/3 | 0.121 | Brown | White/Red/Green | 250 | 6.00 |
| # JWTH-20-4 | Four-Wire | 20/4 | 0.132 | Brown | White/Red/Green/Blue | 250 | 7.00 |
| # JWTH-20-5 | Five-Wire | 20/5 | 0.147 | Brown | White/Red/Green/Blue/ Yellow | 250 | 9.00 |



Low-Voltage Cables

Features:

- Outdoor-Rated
- Direct-Burial Application, Non-UL
- CL2-Rated, 30V Operating Voltage
- 2 Cu Conductors, Stranded
- Weatherproof PVC Jacket with Polarity Ribs
- -20° C to 60° C Operating Temp.
- In Wooden Reels



JWLVC-14
JWLVC-12
JWLVC-12-W
JWLVC-10
JWLVC-8
JWLVC-16

| ITEM # | DESCRIPTION | AWG | JACKET COLOR | LENGTH/ PKG. (FT.) | WEIGHT/ PKG. (LBS.) |
|--------------|--------------------------------------|------|--------------|--------------------|---------------------|
| # JWLVC-14 | 14/2 Low-Voltage Direct Burial Cable | 14-2 | Black | 500 | 29.20 |
| # JWLVC-12 | 12/2 Low-Voltage Direct Burial Cable | 12-2 | Black | 500 | 32.20 |
| # JWLVC-12-W | 12/2 Low-Voltage Direct Burial Cable | 12-2 | White | 500 | 36.45 |
| # JWLVC-10 | 10/2 Low-Voltage Direct Burial Cable | 10-2 | Black | 500 | 49.65 |
| # JWLVC-8 | 8/2 Low-Voltage Direct Burial Cable | 8-2 | Black | 500 | 79.25 |
| # JWLVC-16 | 16/2 Low-Voltage Direct Burial Cable | 16-2 | Black | 500 | 14.75 |