

# When It Matters Most

**-GENESIS-**

A Connection You Can Rely On



**Fire + Life Safety Cable**

The Most Trusted Brand

## Genesis® Cable

The foundation of today's highest performing fire and life safety systems.



We understand that there is no second chance when it comes to protecting people and their environments. Don't trust system connectivity and performance to inferior wire. Genesis Fire + Life Safety Cable optimizes critical systems for continuous high performance at all times. Most importantly, Genesis delivers peace of mind when it matters most. **Count on it.**

## Count On It

At Genesis, we're committed to raising standards, continuously innovating and developing superior cable solutions for today's evolving technologies. Engineered and tested to exceed the highest quality standards, Genesis produces the most trusted and complete selection of low-voltage cable today.

To drive your success, we deliver a hassle-free experience from specification through installation to operation, across a wide range of residential and commercial applications. Future-proof critical systems, insure high performance and drive a greater return on investment with Genesis Cable - the absolute best value on every level.



## Innovative Solutions for Every Application

Conventional and intelligent detection | Audible and visual notification | Emergency mass communication

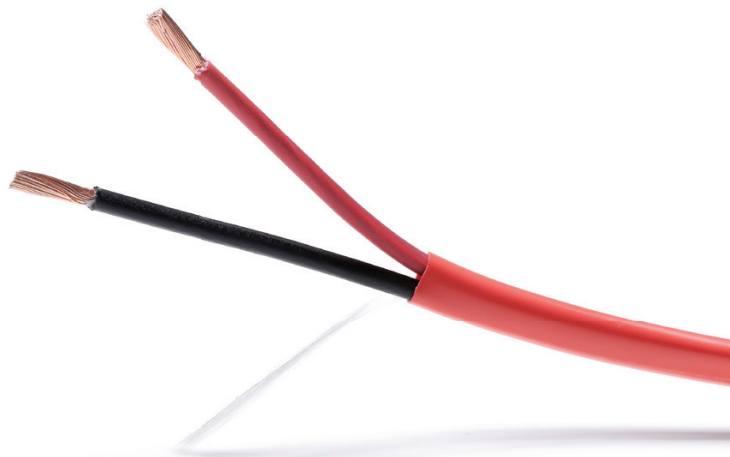
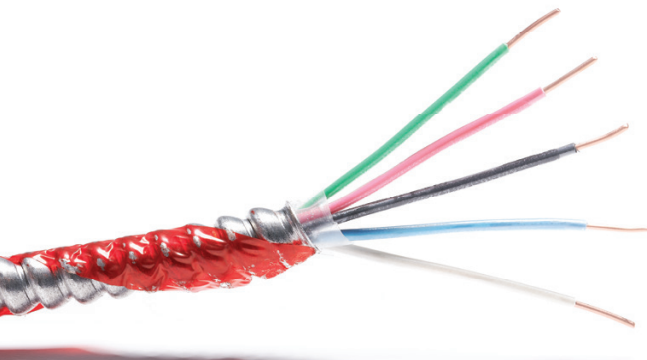


### Striped Fire Wire

Maximize jobsite productivity by assigning a different stripe color to each type of circuit for easy differentiation, minimized confusion and expedited installations and service.

### Stranded Fire Alarm Cable

Designed for optimal safety and delivering superior flexibility for easier pulls through conduit, over long distances and around corners.



### Metal Clad Fire Wire

Eliminates the need to bend, install and mark rigid conduit during cable installation. Permanent red helical tape runs continuously along the cable for easy identification as a fire alarm circuit.

## Your Single Source Provider



### Dealer Loyalty Programs

Genesis dealers can earn rewards - including rebates and co-op dollars - for buying and installing Genesis Cable. The more you buy, the greater your rewards.



### 3-for-1 Warranty

At Genesis, we insure protection for you and your customers. If any cable fails to perform to spec, we'll replace it - three units to one.



### Toll-Free Customer Support

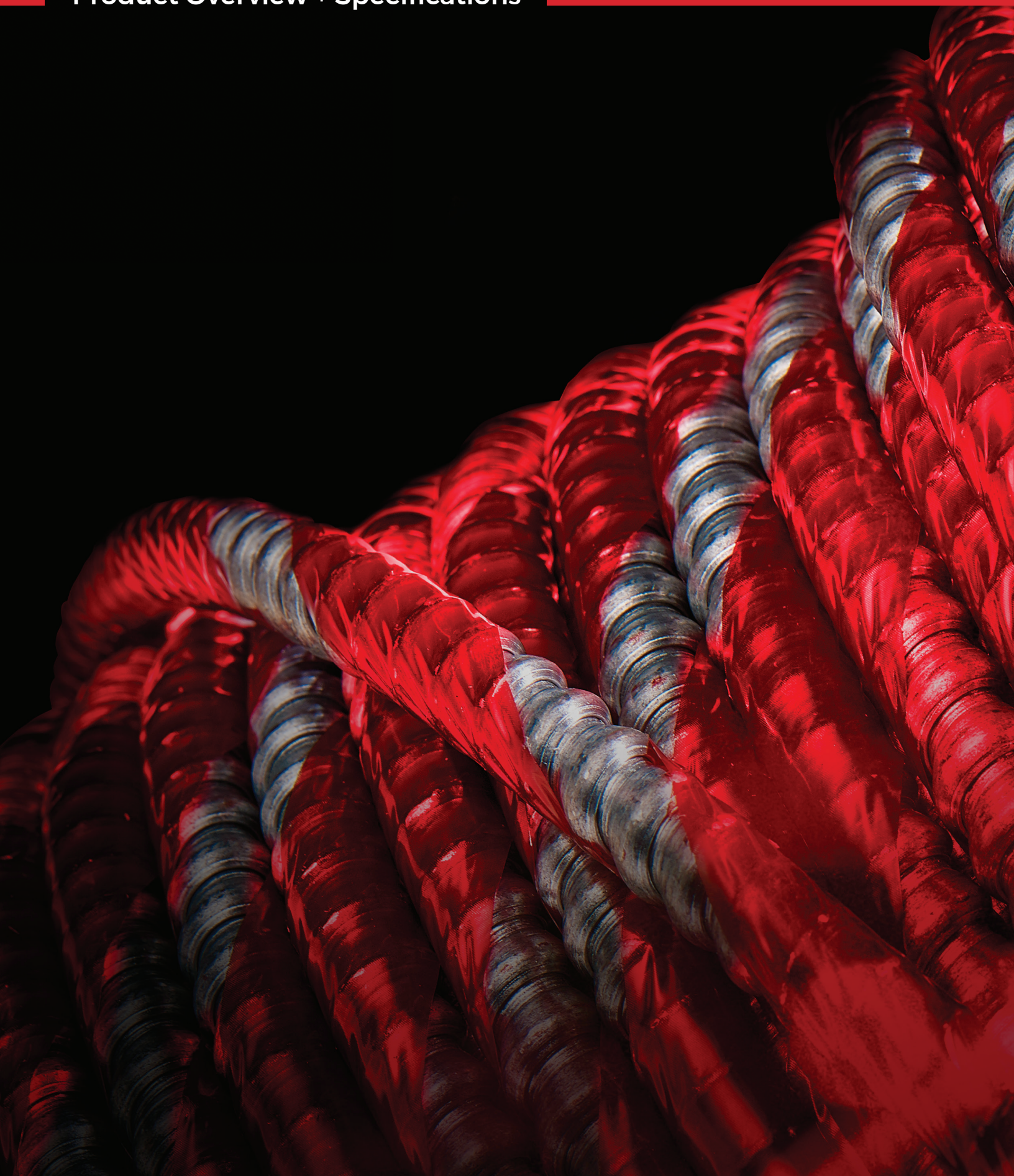
We deliver confidence by insuring prompt response and resolution when and where you need it. When you work with Genesis, you work with the best.



### In-Stock, Readily Available

Genesis keeps your business running on schedule, with product availability from more than 10,000 locations nationwide.

## Product Overview + Specifications



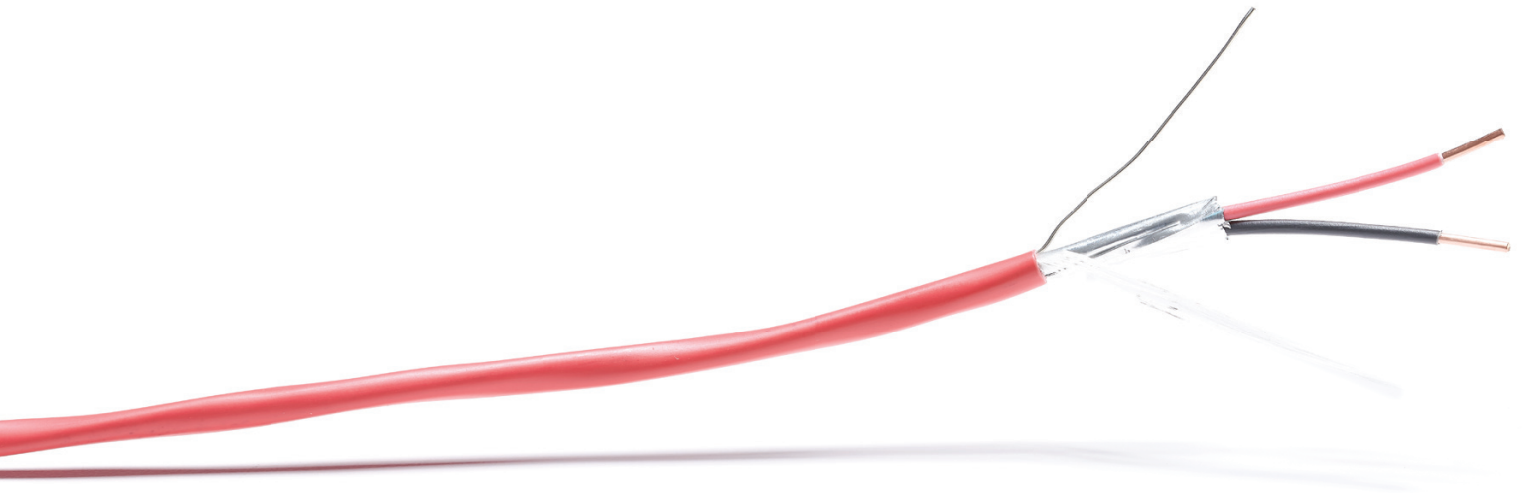
## Plenum Rated: Unshielded



Plenum Rated (FPLP/CL3P/FT6 Listed, 75° C)

| AWG | Number of Conductors | Stranding | DC Resistance (Ohms/1000') | Nominal Capacitance (pF/ft.) | Nominal Outer Diameter (Inches) | Average Weight (Pounds/1000') | Part Number |
|-----|----------------------|-----------|----------------------------|------------------------------|---------------------------------|-------------------------------|-------------|
| 22  | 6                    | Solid     | 18.00                      | 17.6                         | 0.143                           | 18.0                          | 4502        |
| 18  | 2                    | Solid     | 6.52                       | 32.1                         | 0.136                           | 15.6                          | 4506        |
| 18  | 2                    | 19 Strand | 6.66                       | 32.2                         | 0.148                           | 17.0                          | 4524        |
| 18  | 4                    | Solid     | 6.52                       | 32.1                         | 0.157                           | 27.0                          | 4507        |
| 18  | 4                    | 19 Strand | 6.66                       | 32.2                         | 0.172                           | 29.2                          | 4525        |
| 18  | 6                    | Solid     | 6.52                       | 32.1                         | 0.188                           | 40.6                          | 4508        |
| 16  | 2                    | Solid     | 4.10                       | 21.8                         | 0.177                           | 23.1                          | 4511        |
| 16  | 2                    | 26 Strand | 4.19                       | 34.6                         | 0.180                           | 25.3                          | 4523        |
| 16  | 4                    | Solid     | 4.10                       | 21.8                         | 0.201                           | 44.2                          | 4512        |
| 16  | 4                    | 26 Strand | 4.19                       | 34.6                         | 0.210                           | 45.7                          | 4526        |
| 14  | 2                    | Solid     | 2.57                       | 24.1                         | 0.206                           | 32.7                          | 4513        |
| 14  | 2                    | 19 Strand | 2.62                       | 36.0                         | 0.208                           | 36.3                          | 4522        |
| 14  | 4                    | Solid     | 2.57                       | 24.1                         | 0.230                           | 65.3                          | 4514        |
| 14  | 4                    | 19 Strand | 2.62                       | 36.0                         | 0.246                           | 67.2                          | 4527        |
| 12  | 2                    | Solid     | 1.62                       | 25.9                         | 0.228                           | 54.0                          | 4515        |
| 12  | 2                    | 65 Strand | 1.65                       | 36.0                         | 0.265                           | 54.2                          | 4521        |

## Plenum Rated: Shielded



Plenum Rated (FPLP/CL3P/FT6 Listed, 75° C)

| AWG | Number of Conductors | Stranding | DC Resistance (Ohms/1000') | Nominal Capacitance (pF/ft.) | Nominal Outer Diameter (Inches) | Average Weight (Pounds/1000') | Part Number |
|-----|----------------------|-----------|----------------------------|------------------------------|---------------------------------|-------------------------------|-------------|
| 18  | 2                    | Solid     | 6.52                       | 58.9                         | 0.140                           | 18.0                          | 4602        |
| 18  | 2                    | 19 Strand | 6.66                       | 37.3                         | 0.156                           | 19.8                          | 4614        |
| 18  | 4                    | Solid     | 6.52                       | 50.5                         | 0.168                           | 29.2                          | 4603        |
| 18  | 6                    | Solid     | 6.52                       | 32.1                         | 0.192                           | 43.2                          | 4604        |
| 16  | 2                    | Solid     | 4.10                       | 40.4                         | 0.177                           | 27.4                          | 4606        |
| 16  | 4                    | Solid     | 4.10                       | 34.5                         | 0.206                           | 46.1                          | 4607        |
| 14  | 2                    | Solid     | 2.57                       | 47.0                         | 0.211                           | 37.9                          | 4608        |
| 14  | 2                    | 19 Strand | 2.62                       | 70.2                         | 0.213                           | 42.5                          | 4612        |
| 14  | 4                    | Solid     | 2.57                       | 39.2                         | 0.247                           | 67.4                          | 4609        |
| 12  | 2                    | Solid     | 1.62                       | 52.5                         | 0.245                           | 62.1                          | 4610        |

# Riser Rated: Unshielded



## Riser Rated (FPLR/FL3R/FT4 Sunlight Resistant Listed, 75° C)

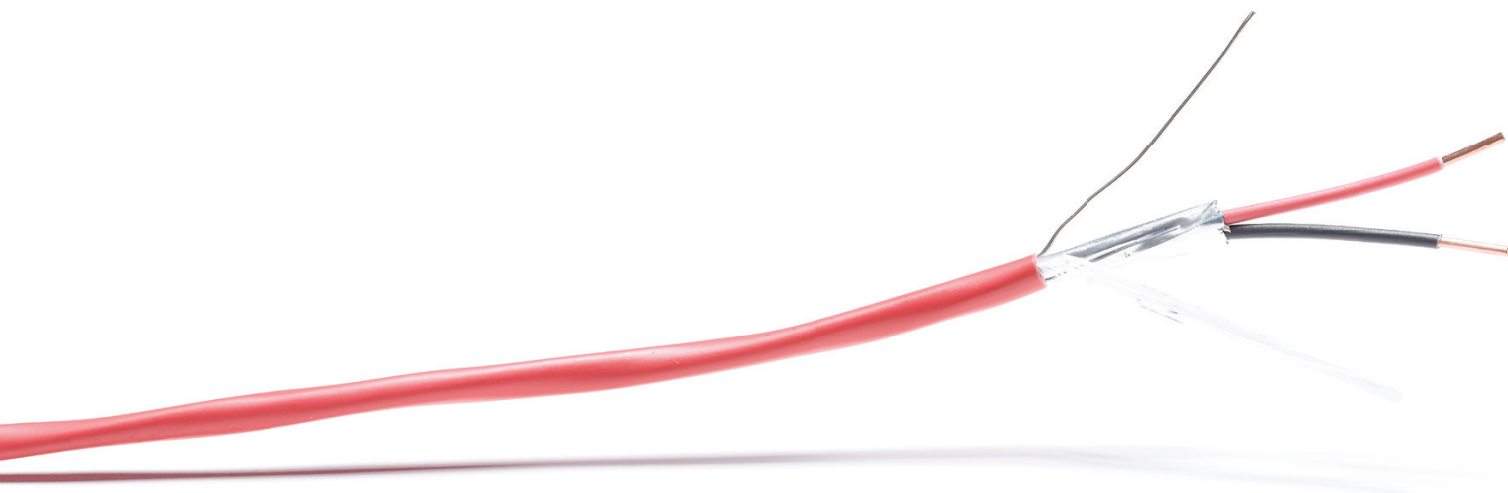
| AWG | Number of Conductors | Stranding | DC Resistance (Ohms/1000') | Nominal Capacitance (pF/ft.) | Nominal Outer Diameter (Inches) | Average Weight (Pounds/1000') | Part Number |
|-----|----------------------|-----------|----------------------------|------------------------------|---------------------------------|-------------------------------|-------------|
| 22  | 4                    | Solid     | 18.00                      | 18.8                         | 0.123                           | 12.5                          | 4301        |
| 18  | 2                    | Solid     | 6.52                       | 22.8                         | 0.138                           | 14.7                          | 4306        |
| 18  | 4                    | Solid     | 6.52                       | 22.8                         | 0.159                           | 26.1                          | 4307        |
| 18  | 6                    | Solid     | 6.52                       | 22.8                         | 0.190                           | 40.0                          | 4308        |
| 18  | 10                   | Solid     | 6.52                       | 22.8                         | 0.244                           | 63.2                          | 4310        |
| 16  | 2                    | Solid     | 4.10                       | 22.3                         | 0.165                           | 22.5                          | 4311        |
| 16  | 4                    | Solid     | 4.10                       | 22.3                         | 0.201                           | 40.2                          | 4312        |
| 14  | 2                    | Solid     | 2.57                       | 24.1                         | 0.192                           | 32.1                          | 4313        |
| 14  | 4                    | Solid     | 2.57                       | 24.1                         | 0.225                           | 60.7                          | 4314        |
| 12  | 2                    | Solid     | 1.62                       | 25.9                         | 0.226                           | 49.8                          | 4315        |
| 12  | 2                    | 65 Strand | 1.65                       | 24.9                         | 0.264                           | 53.8                          | 4320        |

## Mid-Capacitance

| AWG | Number of Conductors | Stranding | DC Resistance (Ohms/1000') | Nominal Capacitance (pF/ft.) | Nominal Outer Diameter (Inches) | Average Weight (Pounds/1000') | Part Number |
|-----|----------------------|-----------|----------------------------|------------------------------|---------------------------------|-------------------------------|-------------|
| 18  | 2                    | Solid     | 6.52                       | 20.5                         | 0.144                           | 15.4                          | 4431        |
| 16  | 2                    | Solid     | 4.10                       | 20.6                         | 0.170                           | 23.4                          | 4432        |



## Riser Rated: Shielded



### Riser Rated (FPLR/FL3R/FT4 Sunlight Resistant Listed, 75° C)

| AWG | Number of Conductors | Stranding | DC Resistance (Ohms/1000') | Nominal Capacitance (pF/ft.) | Nominal Outer Diameter (Inches) | Average Weight (Pounds/1000') | Part Number |
|-----|----------------------|-----------|----------------------------|------------------------------|---------------------------------|-------------------------------|-------------|
| 18  | 2                    | Solid     | 6.52                       | 42.9                         | 0.142                           | 17.2                          | 4402        |
| 18  | 4                    | Solid     | 6.52                       | 36.4                         | 0.163                           | 27.8                          | 4403        |
| 18  | 6                    | Solid     | 6.52                       | 22.8                         | 0.194                           | 41.5                          | 4404        |
| 18  | 8                    | Solid     | 6.52                       | 22.8                         | 0.210                           | 51.8                          | 4405        |
| 16  | 2                    | Solid     | 4.10                       | 41.7                         | 0.168                           | 24.7                          | 4406        |
| 16  | 4                    | Solid     | 4.10                       | 35.5                         | 0.195                           | 41.8                          | 4407        |
| 14  | 2                    | Solid     | 2.57                       | 46.9                         | 0.205                           | 35.6                          | 4408        |
| 14  | 4                    | Solid     | 2.57                       | 39.2                         | 0.230                           | 64.1                          | 4409        |
| 12  | 2                    | Solid     | 1.62                       | 52.5                         | 0.231                           | 56.8                          | 4410        |

### Mid-Capacitance

| AWG | Number of Conductors | Stranding | DC Resistance (Ohms/1000') | Nominal Capacitance (pF/ft.) | Nominal Outer Diameter (Inches) | Average Weight (Pounds/1000') | Part Number |
|-----|----------------------|-----------|----------------------------|------------------------------|---------------------------------|-------------------------------|-------------|
| 18  | 2                    | Solid     | 6.52                       | 36.8                         | 0.148                           | 18.5                          | 4441        |
| 16  | 2                    | Solid     | 4.10                       | 33.5                         | 0.187                           | 24.4                          | 4442        |

# Metal Clad



Type MC (600V) / FPL (300V) Listed, 90° C Dry / 75° C Wet

| AWG | Number of Conductors | Stranding | DC Resistance (Ohms/1000') | Nominal Outer Diameter (Inches) | Average Weight (Pounds/1000') | Part Number |
|-----|----------------------|-----------|----------------------------|---------------------------------|-------------------------------|-------------|
| 18  | 2 + Ground           | Solid     | 6.52                       | 0.393                           | 66.0                          | 4290        |
| 18  | 4 + Ground           | Solid     | 6.52                       | 0.439                           | 84.4                          | 4291        |
| 16  | 2 + Ground           | Solid     | 4.10                       | 0.416                           | 75.6                          | 4292        |
| 16  | 4 + Ground           | Solid     | 4.10                       | 0.464                           | 108.0                         | 4293        |
| 14  | 2 + Ground           | Solid     | 2.57                       | 0.444                           | 93.6                          | 4294        |
| 14  | 4 + Ground           | Solid     | 2.57                       | 0.504                           | 134.8                         | 4295        |
| 12  | 2 + Ground           | Solid     | 1.62                       | 0.483                           | 121.6                         | 4296        |

## Direct Burial Rated



Direct Burial Rated (FPL/CL3 Direct Burial Sunlight Resistant Listed, 75° C)

| AWG | Number of Conductors | Stranding | DC Resistance (Ohms/1000') | Nominal Capacitance (pF/ft.) | Nominal Outer Diameter (Inches) | Average Weight (Pounds/1000') | Part Number |
|-----|----------------------|-----------|----------------------------|------------------------------|---------------------------------|-------------------------------|-------------|
| 18  | 2                    | 19 Strand | 6.66                       | 14.2                         | 0.260                           | 36.8                          | 4156        |
| 18  | 4                    | 19 Strand | 6.66                       | 14.2                         | 0.295                           | 59.0                          | 4157        |
| 18  | 6                    | 19 Strand | 6.66                       | 14.2                         | 0.345                           | 75.8                          | 4158        |
| 18  | 8                    | 19 Strand | 6.66                       | 14.2                         | 0.375                           | 94.3                          | 4159        |
| 16  | 2                    | 26 Strand | 4.19                       | 15.7                         | 0.282                           | 45.4                          | 4151        |
| 16  | 4                    | 26 Strand | 4.19                       | 15.7                         | 0.323                           | 70.0                          | 4152        |
| 14  | 2                    | 19 Strand | 2.62                       | 17.1                         | 0.310                           | 59.0                          | 4153        |
| 14  | 4                    | 19 Strand | 2.62                       | 17.1                         | 0.355                           | 103.1                         | 4154        |

# **-GENESIS-**

**COUNT ON IT**

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