

**DOUBLE JACKETED BURIED SERVICE WIRE
WITH ALUMINUM SHIELD**

PRODUCT CONSTRUCTION:

- **Conductors:**
Solid annealed copper
 - **Insulation:**
High Density Polyethylene
 - **Pairing:**
Varying pair lays
 - **Color Code:**
- | <u>PAIR #</u> | <u>TIP</u> | <u>RING</u> |
|---------------|--------------|-------------|
| 1 | White/Blue | Blue |
| 2 | White/Orange | Orange |
| 3 | White/Green | Green |
| 4 | White/Brown | Brown |
| 5 | White/Slate | Slate |
| 6 | Red | Blue/Red |
- **Core Filling:**
80°C filling compound
 - **Inner Jacket:**
Black Linear Low Density Polyethylene
 - **Shield:**
Polymer-coated, 8 mil aluminum tape
 - **Rip Cord:**
Under the aluminum shield
 - **Outer Jacket:**
Black Linear Low Density Polyethylene

| Pairs/ Gauge | Part Number | Net Weight #/1000 Ft. | Nom. OD Inches | Length Feet |
|-----------------|----------------|--------------------------|-------------------|----------------|
| 2/22 | 2095138 | 48 | 0.33 | 1000 |
| 2/22 | 2095125 | 48 | 0.33 | 2500 |
| 2/22 | 2095126 | 48 | 0.33 | 5000 |
| | | | | |
| 3/22 | 2095127 | 56 | 0.35 | 2500 |
| 3/22 | 2095128 | 56 | 0.35 | 5000 |
| | | | | |
| 6/22 | 2095137 | 82 | 0.41 | 1000 |
| 6/22 | 2095129 | 82 | 0.41 | 2500 |
| 6/22 | 2095130 | 82 | 0.41 | 5000 |
| | | | | |
| 2/24 | 2095131 | 39 | 0.30 | 2500 |
| 2/24 | 2095132 | 39 | 0.30 | 5000 |
| | | | | |
| 3/24 | 2095133 | 46 | 0.32 | 2500 |
| 3/24 | 2095134 | 46 | 0.32 | 5000 |
| | | | | |
| 6/24 | 2095135 | 64 | 0.37 | 2500 |
| 6/24 | 2095136 | 64 | 0.37 | 5000 |

APPLICATION:

These wires are intended for use in buried service application to the subscribers loop.

COMPLIANCE:

ICEA S-86-634

PACKAGING:

Non-returnable wood reels in standard lengths as shown above. Non-standard packaging is available upon request.

ELECTRICAL CHARACTERISTICS:

| | <u>22 AWG</u> | <u>24 AWG</u> |
|--|----------------|---------------|
| DC Conductor Resistance: [max] | | |
| Ohms/mile @ 20°C | 91.0 | 144.0 |
| DC Resistance Unbalance: [max] | | |
| - Individual Pair Percent | 5.0 | 5.0 |
| 1 kHz Mutual Capacitance: | | |
| - Average | 83 ± 7 nF/mile | |
| - Max. of any pair | 94 nF/mile | |
| 1 kHz Capacitance Unbalance: [max] | | |
| - Pair-to-Pair | 80 pF/1000 ft | |
| - Pair-to-Ground | 800 pF/1000 ft | |
| Attenuation at 772 kHz: [max. avg.] | | |
| - dB/1000 ft. | 4.6 | 5.8 |
| 150 kHz Output-to-output FEXT: [min.] | | |
| - dB/1000 ft. | 63 | 63 |
| 772 kHz Input-to-input NEXT: [min.] | | |
| - dB/1000 ft. or more | 44 | 44 |
| Dielectric strength: [kV DC] | | |
| - Conductor to conductor | 5.0 | 4.0 |
| - Conductor to shield | 20 | 20 |