



MULTIPLE PAIR AERIAL SERVICE WIRE BELL SYSTEM TYPE

| Pairs/ Gauge | Product Number | Nom. O.D. (Inches) | Approx. Wt. (lbs/kft) | Packaging | Length (Feet) |
|-----------------|-------------------|-----------------------|--------------------------|-----------|------------------|
| 2/22 | 2091018 | 0.315 X 0.550 | 56 | Coil | 600 |
| 2/22 | 2091019 | 0.315 X 0.550 | 56 | Reel | 5000 |
| 6/22 | 2091022 | 0.380 X 0.615 | 81 | Coil | 250 |
| 6/22 | 2091021 | 0.380 X 0.615 | 81 | Coil | 400 |
| 6/22 | 2091015 | 0.380 X 0.615 | 81 | Reel | 500 |
| 6/22 | 2091016 | 0.380 X 0.615 | 81 | Reel | 3500 |

CORE CONSTRUCTION

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| Conductors |
| 22 AWG solid annealed copper |
| Insulation |
| Color-coded high density polyethylene |
| Jacket |
| The pairs and a 0.083" diameter galvanized steel messenger are enclosed in a black flame-retardant, weather- and abrasion-resistant PVC jacket in a Figure 8 configuration |

PACKAGING

-Available in coils(CL) and reels(RL)
 -Coil is a 15.25" minimum I.D. to fit Bell System 15" pay-off with 24" maximum O.D. The traverse of the coil is 4.75" with a maximum of 5.125". Reel lengths are supplied on non-returnable wood reels.

ELECTRICAL CHARACTERISTICS (22 AWG)

| | |
|---|--------------------------|
| DC Conductor Resistance: [max.] Ohms/mile. @ 20°C | 91.0 |
| DC Resistance Unbalance: [max.] Individual Pair Percent | 5.0 |
| 1 kHz Mutual Capacitance: [max.] Average Individual | 90 nF/mile 94 nF/mile |
| 1 kHz Capacitance Unbalance:[max] Pair-to-Pair Individual Pair-to-Support Wire Individual | 80 pF/kft 800 pF/kft |
| Attenuation at 772 kHz: [max avg] dB/kft @ 20°C | 5.1 |
| Insulation Resistance: [min.] Megohms-kft @ 20°C | 5000 |
| 150 kHz Output-to-Output FEXT: [min.] Individual dB/kft | 63.0 |
| 772 kHz Output-to-Output NEXT:[min.] Individual dB | 44.0 |

APPLICATION(S)

-Provides multiple line telecommunication service connection to the subscriber

COMPLIANCE

-Telecordia (Bellcore) Specification GR-3163-CORE
 -RoHS Compliant (effective 1/1/10)

TEMPERATURE RATING

-Storage and operation temperature range
 -45°C to 80°C-> -49°F to 176°F
 -Installation temperature range
 -30°C to 60°C-> -22°F to 140°F

**Data subject to change without notice.
 Contact your Customer Service Representative for latest information.**

