



## RURAL AERIAL DISTRIBUTION WIRE

| CDR./<br>Gauge | Product<br>Number | Nom. Dim.<br>(Inches) | Approx. Wt.<br>(lbs/kft) | Supplied<br>Package | Length<br>(Feet) |
|----------------|-------------------|-----------------------|--------------------------|---------------------|------------------|
| 2/14           | 6307482           | 0.160 X 0.280         | 37                       | Coil                | 1000             |
| 2/14           | 3114733           | 0.160 X 0.280         | 37                       | Reel                | 5000             |
| 2/14           | 7013881           | 0.160 X 0.280         | 37                       | Reel                | 5500             |
| 2/14           | 2091013           | 0.160 X 0.280         | 54                       | Reel                | 4000             |

Cable Code: 14 AWG P-142-PLCW  
12 AWG P-122-PLCW

### **CORE CONSTRUCTION**

|  |
|--|
| <b>Conductors</b>  |
| 14 or 12 AWG solid 30% conductivity extra high strength copper-covered steel   |
| <b>Sheath</b>  |
| Black, flame-, weather- and abrasion-resistant PVC compound extruded over two conductors in a parallel configuration |
| <b>Polarity Identification</b>   |
| Polarity ridge on one leg of the web located at 45° above the major axis if the wire cross-section                   |

### **ELECTRICAL CHARACTERISTICS**

|   | 14 AWG | 12 AWG |
|---|--------|--------|
| Conductor Resistance: [max.]<br>Ohms/kft. @ 20°C          | 9.0    | 6.0    |
| Insulation Resistance: [min.]<br>Megohms-kft @ 20°C (wet) | 5000   | 5000   |
| Dielectric Strength: [min]<br>(wet) Vdc @ 20°C            | 10,000 | 10,000 |
| Mutual Capacitance: [max]<br>pF/kft @ 1 kHz               | 0.032  | 0.035  |

### **APPLICATION(S)**

-Self supporting drop wire one pair parallel conductor drop wire intended for aerial distribution in rural exchange areas

### **COMPLIANCE**

-Telecordia (Bellcore) Specification TA-TSY-000125  
-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

### **PACKAGING**

-Available in coils(CL) and reels (RL)

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

