## AERIAL DROP WIRE

Product Description ADW is a PVC jacketed 2 pair or 4 pair aerial service wire. It minimizes resistance unbalance, provides the necessary longitudinal strength, facilitates jacket removal, protects the core from mechanical damage,

degradation by sunlight and the ingress of moisture.

Conductor

Solid annealed copper

Insulation

Individual conductors insulated with solid

polyolefin in distinctive colors

**Outer Jacket** 

Sky blue grey weather-resistant PVC jacket extruded over the strength members and bonded to the fiberglass strength members

**Core Assembly** 

Individual conductors twisted into pairs

Approvals

**RoHS-Compliant** 

**Applications** 

Designed for use in extending telephone service to subscriber premises from the distribution cable or cable

terminal.



ELECTRICAL SPECIFICATIONS	
Conductor Size AWG (mm)	22 (0.64)
Average Mutual Capacitance @ 1000 Hz nF/mile (nF/km)	113 (70)
Insulation Resistance @ 60°F (16°C) megohm-mile (megohm-km)	380 (610)
Capacitance Unbalance @ 1 kHz Pair to Pair Maximum pF/kft (pF/km)	140 (459)
Conductor DC Resistance @ 20°C (-7°C) Maximum Individual Ohms/kft (Ohms/km)	16.8 (55)
Resistance Unbalance Maximum Individual Pair %	5.0
Dielectric Strength DC potential – Volts Minimum Conductor to Conductor	4,000

