

### **Application**

This cable is designed for overhead distribution lines, typically from a telegraph pole to the customer's premises.

### **Product Description**

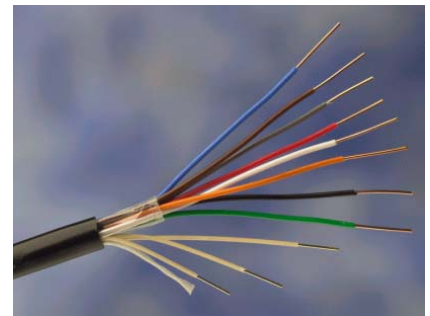
The cable contains four 0.5mm plain solid copper pairs insulated with solid polyethylene and wrapped with a polyester tape, brass coated steel support strands insulated with PVC, and is sheathed overall with a medium density black polyethylene sheath.

### **Product Construction**

**CONDUCTOR:** 0.5mm Plain Annealed Copper Wire (PACW)

**DIELECTRIC:** Solid High Density Polyethylene  
Diameter over Dielectric: 0.89 mm

**COLOUR CODE:**  
Pair 1: Orange/White  
Pair 2: Green/Black  
Pair 3: Red/Grey  
Pair 4: Blue/Brown



**CORE WRAP:** Polyester Tape

**SUPPORT STRAND:** 3 x Brass Plated Steel strands, PVC Insulated.

**RIPCORD:** Nylon

**IDENTIFICATION:** Manufacturer's Thread to PD 2379

**JACKET/SHEATH:** Black Medium Density Polyethylene  
Minimum Thickness: 0.5 mm  
Minimum Diameter: 5.3 mm  
Target Diameter: 5.4 mm  
Maximum Diameter: 5.5 mm

### **ELECTRICAL PROPERTIES (20°C):**

Conductor Resistance: 95  $\Omega$ /km Maximum  
Mutual Capacitance: 56 nF/km Maximum  
Capacitance Unbalance: 300 pF/500m Maximum  
Insulation Resistance: 10,000 M $\Omega$ /km Minimum

**BREAKING LOAD:**  
Minimum: 1350 Newtons  
Maximum: 1550 Newtons