



## **Instrumentation cables to BS5308 Part 1 Type 2 Armored**

Collective Screen, armored 300/500V

### **APPLICATION**

These cables are designed to connect electrical instrument circuits and provide communication services in and around process plants (e.g. petrochemical industry etc). Suitable for direct buried applications.

### **Specifications**

- In accordance with BS5308 Part 1.
- **Conductor:** Solid (Class 1), stranded (Class 2) or flexible (Class 5) copper conductors to BS6360
- **Insulation:** Polythene to BS6234
- **Pair Identification:** See color core chart
- **Binder Tape:** p.e.t.p. tape 50% overlap
- **Collective Screen:** tinned copper drain wire(s) under and in contact with aluminum/p.e.t.p laminated tape applied metallic side down
- **Bedding:** polythene to BS6234
- **A armor:** mild galvanized steel wires to BS EN10257-1.
- **Outer Sheath:** PVC to BS7355.
- Flame retardant to BS4066 / IEC60332 Part 3 Category C (NMV1.5)
- **Voltage Rating:** 300/500V
- **Temp Rating:** 65 degrees C max conductor operating temperature

Available in Pairs and Triads, .5 to 1.5mmsq, black or blue outer sheath. Please confirm availability.