



MULTIPAIR / MULTICORE INSTRUMENTATION CABLES

Generally to BS5308 Parts 1 & 2

INSTRUMENTATION CABLES -generally to BS5308

Conforming to British Standard Authorities specifications, instrumentation cables are suitable for computer-controlled electrical and electronic equipment.



PART 1 - POLYETHYLENE INSULATED

CONSTRUCTION

- Conductor** : Plain Annealed Copper
- Insulation** : Polyethylene BS6234 Type 03
- Voltage** : 300V core to earth & 500V core to core at max.
Temperature of 65°C
- Pair Identification** : (a) Collectively screened cables
(b) Individually screened pairs - one blue core and one black core in each pair.
 1. Pairs identified by numbered tapes
 2. Pair screens - aluminium / p.e.t.p. laminated tape applied with the metallic side down in electrical contact with a 0.5 sq.mm tinned copper drain wire.
- Binder Tape** : A 23 micron polyester tape applied with a minimum 50% overlap.
- Collective Screen** : Aluminium / polyester laminated tape applied with the metallic side down in electrical contact with a 0.5 sq.mm tinned copper drain wire over the polyester binder tape.
- Outer Protection** : TYPE 1 - Extruded flame retardent PVC sheath
TYPE 2 - Extruded polyethylene bedding
Galvanised steel wire armour
Extruded flame retardant PVC sheath

PART 2 - PVC INSULATED

CONSTRUCTION

- Conductor** : Plain Annealed Copper
- Insulation** : PVC to BS6746 Type T1
- Voltage** : 300V core to earth & 500V core to core at max.
Temperature of 65°C
- Core / Pair Identification** : Multipair Cables
- Binder Tape** : A 23 micron p.e.t.p. tape applied with a minimum 50% overlap
- Collective Screen** : Aluminium / p.e.t.p. laminated tape applied with the metallic side down in electrical contact with a 0.5 sq.mm tinned copper drain wire over the polyester binder tape.
- Outer Protection** : TYPE 1 - Extruded flame retardent PVC sheath
TYPE 2 - Extruded polyethylene bedding
Galvanised steel wire armour
Extruded flame retardant PVC sheath

Note: These cables are not for direct connection to public mains electricity supply.