

BS5308 Cable

CSE Cables supplies the full range of BS5308 cables including:

Part 1 - Type 1 - Unarmoured: collectively screened and Individually & collectively screened

Part 1 - Type 2 - Armoured: collectively screened and Individually & collectively screened

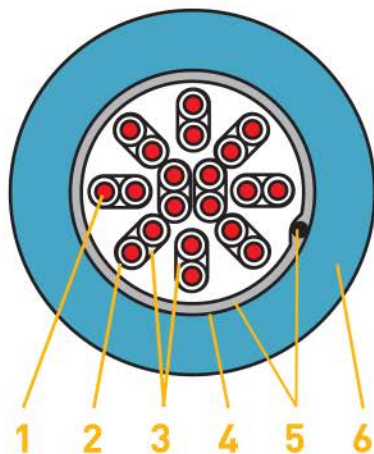
Cable Application

Generally used in indoor applications these cables are designed to connect communication systems and electrical instrumentation in and around process plants in the oil, petro-chemical, gas and other industries. These cables are not for direct connection to the public mains supply.

Part 1 - Type 1 - Unarmoured Construction

1. Plain annealed copper wire conductors to IEC 60228/BS 6360.
2. Type 03C polyethylene insulation to BS 6234.
3. Individual pair screen (optional):
 - a) Aluminium/polyester tape, metallic side down, in contact with minimum 0.5mm² tinned copper drain wire.
 - b) Polyester isolating tape(s) numbered for identification.
4. Polyester isolating tape(s) .
5. Collective screen (optional) - Aluminium/polyester tape, metallic side down, in contact with minimum 0.5mm² tinned copper drain wire.
6. RP PVC type TM2 to BS 7655, voltage rating: 300/500V.

Outer sheath colours available are blue for intrinsically safe circuits and black as standard. Also available is LSHF (Low Smoke Halogen Free) type LTS3 to BS7655. 300/500V rated.



BS5308 Cable Part 1 - Type 1 - Unarmoured Construction

Part 1 cables are colour coded in accordance with table 1 on page 132.

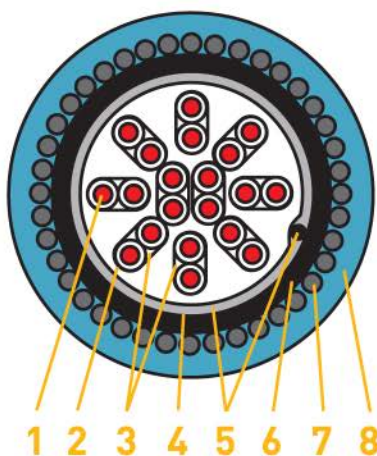
Part 1 - Type 2 - Armoured Construction

Cable Application

Generally suitable for outdoor applications, specifically direct burial within the petro-chemical industries.

1. Plain annealed copper wire conductors to IEC 60228/BS 6360.
2. Type 03C polyethylene insulation to BS 6234.
3. Individual pair screen (optional):
 - a) Aluminium/polyester tape, metallic side down, in contact with minimum 0.5mm² tinned copper drain wire.
 - b) Polyester isolating tape(s) numbered for identification.
4. Polyester binder tape.
5. Collective screen (optional) - Aluminium/polyester tape, metallic side down, in contact with minimum 0.5mm² tinned copper drain wire.
6. Type 03C black polyethylene bedding to BS 6234.
7. Single layer galvanised steel wire armour to BS EN 10257-1.
8. RP PVC type TM2 to BS 7655, voltage rating: 300/500V.

Outer sheath colours available are blue for intrinsically safe circuits and black as standard. Also available is LSHF (Low Smoke Halogen Free) type LTS3 to BS7655. 300/500V rated.



Part 1 cables are colour coded in accordance with table 1 on page 132.

BSS308 Cable Part 1 - Type 1 - Unarmoured Construction

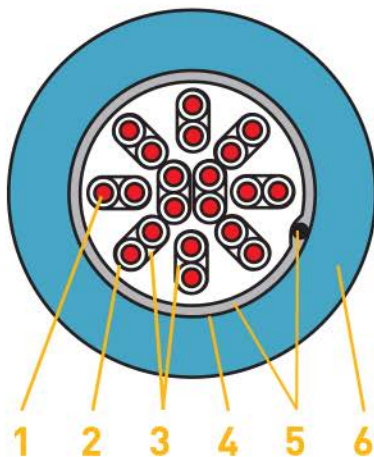


BS5308 Cable

Part 2 - Type 1 - Unarmoured Construction

1. Plain annealed copper wire conductors to IEC 60228/BS 6360.
2. Type T11 PVC to BS EN 50363.
3. Individual pair screen (optional):
 - a) Aluminium/polyester tape, metallic side down, in contact with minimum 0.5mm² tinned copper drain wire
 - b) Polyester isolating tape(s) numbered for identification
4. Polyester binder tape.
5. Collective screen (optional) - Aluminium/polyester tape, metallic side down, in contact with minimum 0.5mm² tinned copper drain wire.
6. RP PVC type TM2 to BS 7655, voltage rating: 300/500V.

Outer sheath colour available are blue for intrinsically safe circuits and black as standard. Also available in LSHF (Low Smoke Halogen Free) type LTS3 to BS 7655. 300/500V rated.

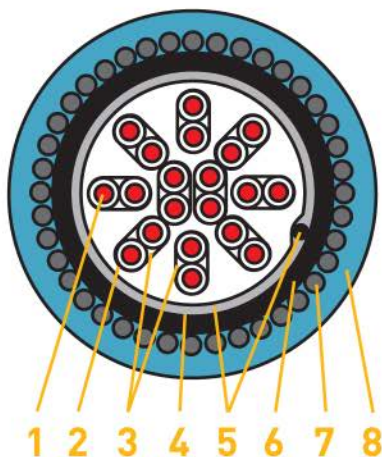


Part 2 cables are colour coded in accordance with table 2 on page 133.

Part 2 - Type 2 - Armoured Construction

1. Plain annealed copper wire conductors to EC 60228/BS 6360.
2. Type T11 PVC to BS EN 50363.
3. Individual pair screen (optional):-
 - a) Aluminium/polyester tape, metallic side down, in contact with minimum 0.5mm² tinned copper drain wire
 - b) Polyester isolating tape(s) numbered for identification
4. Polyester binder tape.
5. Collective screen (optional) - Aluminium/polyester tape, metallic side down, in contact with minimum 0.5mm² tinned copper drain wire
6. Type T11 PVC to BS EN 50363.
7. Single layer galvanised steel wire armour to BS EN 10257-1.
8. RP PVC type TM2 to BS 7655, voltage rating: 300/500V.

Outer sheath colours available are blue for intrinsically safe circuits and black as standard. Also available in LSHF (Low Smoke Halogen Free) type LTS3 to BS 7655. 300/500V rated.



Part 2 cables are colour coded in accordance with table 2 on page 133.