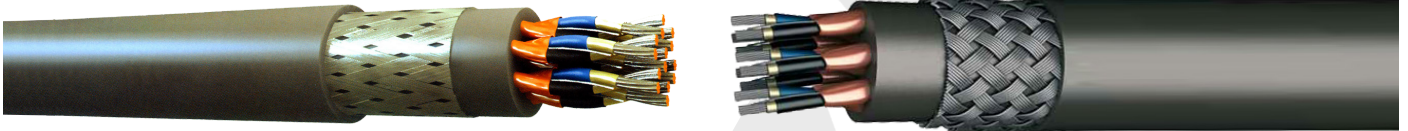


## BFCU (I)



### TECHNICAL DATA

- Max. Operating Temperature: 90°C
- Max. Short Circuit Temperature: (max. 5 sec.) 200°C
- Rated Voltage: 250V
- Min. Bending Radius: 10x Cable Outer Diameter
- Production Standard: NEK TS 606, IEC 60092/353, IEC 60092/350-360, IEC 60332/1-2, IEC 60332/3-22 Cat A, IEC 60754 / 1-2, IEC 61034 / 1-2 (DIN EN 50268 / 1-2), IEC60811 / 403

### CONSTRUCTION

**Conductor:** Tinned annealed stranded circular copper wire IEC 60228 Class 2

**Insulation:** Mica Glass Tape and Ethylene Propylene Rubber (EPR)

**Twisting:** Color coded cores twisted together to form a pair/triad

**Individual Screen:** Each pair/triple are screened by copper backed polyester tape in contact with a stranded tinned copper drain wire and wrapped with polyester tape. Pairs/triples are identified by printed numbers on insulated conductors.

**Inner Covering:** Flame retardant and halogen-free compound

**Armour:** Galvanised steel wire braid

**Outer Sheath:** Flame retardant, halogen-free thermoset compound, SHF2

**Color:** Grey

### CODE of CABLE

- BFCU (I)

### INTRODUCTION

These cables are used for fixed installation for power, control and lighting in both explosion and safe areas, emergency and critical systems.

### SECTION RANGE

- From 0.75mm<sup>2</sup> up to 2.5mm<sup>2</sup>

### CONDUCTOR QUANTITY

- From 1 core up to 24 cores

### COLOUR CODE of CABLE

- Insulation Colours code could be according to the International Standards or customer's request/demand.  
\* **Other colours can be produced upon the customer requests.**

### FIRE PERFORMANCE OF CABLE SHEATHS

- Cables can be supplied with special flame retardant PVC outer sheath to comply with the flame test requirements of IEC 60332 Category A-B and C.