

BFCU (C)



TECHNICAL DATA

- Max. Operating Temperature: 90°C
- Max. Short Circuit Temperature: (max. 5 sec.) 200°C
- Rated Voltage: 250V
- Min. Bending Radius: 8x 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

Collective Screen: Pairs/triples are laid-up and collectively screened by copper backed polyester tape in contact with a stranded tinned copper drain wire. 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 (C)

INTRODUCTION

These cables are used for fixed installation for control, instrumentation and telecommunication in both explosion and safe areas, emergency and critical systems where requirement for fire resistance exists.

SECTION RANGE

- From 0.75mm² up to 2.5mm²

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.