



**Fire survival cables** Solid/Stranded (ATC/ABC) Copper conductor, insulated with specially formulated PVC/TPE/XLPE to form a core. Cores laid up together or twisted to form a pair/triad depending upon the individual requirement. Such cores/pairs/triads after laying are coated with special Fire Resistant materials and overall sheathed with special PVC/TPE/LSZH.

- Shielding with Braiding/Aluminium mylar taping will be done overall or individually depending upon the requirement.
- Armouring provided depending upon requirement with a extruded inner special PVC/TPE sheath, and overall sheath of special PVC/TPE.

### **Application :**

To maintain circuit integrity during and after Fire

### **FIRE SURVIVAL TEST**

#### **Identification :**

Shall be as per cable type Control/Instrumentation Signal/Thermocouple Extn./Compensating as per their respective features list.

Other combinations of colour, numerals and alphabet coding will be provided as per customer satisfaction/requirement

#### **Standard Specifications :**

ICE 331/ BS 6387, IEC 60331,  
BS 6387 - CAT A,B,C,W,Z  
BS 7846 - CAT F1, F2, F3

#### **Characteristics :**

Will withstand Flame temperature of 750 degree centigrade upto 3 hours without electrical breakdown at rated voltage.

Does not produce noxious smoke & fumes which hinder fire fighting and endanger life.

Does not propagate flame. Special properties: Zero Halogen Low Smoke insulation & sheath material supplied on request.

#### **Delivery Lengths :**

500 - 1000 meters.

#### **Special Properties :**

Zero Halogen Low Smoke insulation & sheath material supplied on request