

## HEAT RESISTANT HEPR POWER UNSCREENED FG7R, FG7OR CABLES



### TECHNICAL DATA

- Max. Operating Temperature: 90°C
- Max. Short Circuit Temperature: (max. 5 sec.) 250°C
- Rated Voltage: 0.6/1kV
- Min. Bending Radius: 8x Cable Outer Diameter
- Production Standard: CEI 20-13, CEI 20-22 II  
IEC 60502-1, IEC 60332-1-2

### CONSTRUCTION

**Conductor:** Electrolytic, stranded, Copper Wire Class 5  
(IEC 60228, DIN VDE 0295, BS 6360, HD 383)

**Insulation:** Rubber based HEPR G7 Compound

**Inner Sheath:** Separating foil or PVC Compound

**Outer Sheath:** Flame Retardant PVC Compound

### CODE of CABLE

- FG7R, FG7OR

### INTRODUCTION

These cables can be used for outdoor and indoor power, control and signaling applications, even in wet environment, in industries, in public or residential buildings. Suitable for fixed installations in open air, in tube, canals, masonry, metal structures, overhead cable trays and for direct or indirect underground laying.

### SECTION RANGE

- From 1.5mm<sup>2</sup> up to 400mm<sup>2</sup>

### CONDUCTOR QUANTITY

- From 1 core up to 5 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.