

## EPR OR EQUIVALENT SYNTHETIC ELASTOMER INSULATED, CSP OR EQUIVALENT SYNTHETIC ELASTOMER SHEATHED FLEXIBLE H05BN4-F, H07BN4-F CABLES



### TECHNICAL DATA

- Max. Operating Temperature: 90°C
- Max. Short Circuit Temperature: (max. 5 sec.) 250°C
- Rated Voltage: 300/500V - 450/750V
- Min. Bending Radius: 6x Cable Outer Diameter
- Production Standard: EN 50525-2-21, HD 22.1  
DIN VDE 0282-12, BS 7919, IEC 60245-4

### CONSTRUCTION

**Conductor:** Electrolytic annealed, Class 5 Stranded Plain Copper Wires

**Separator:** A suitable tape may be applied over the conductor

**Insulation:** EI7 Type Rubber (EPR) Compound

**Inner Sheath:** EM6 or EM7 Type Rubber Compound

**Outer Sheath:** EM7 Type Elastomer Compound

### CODE of CABLE

- H05BN4-F, H07BN4-F

### INTRODUCTION

These cables are utilized to link permanent and mobile equipment in offices and kitchens. It may be employed in a variety of settings, including indoor, outdoor, dry, wet, and explosive atmospheres. It's flame-resistant and self-extinguishes in the event of a fire. It is unsuitable for long-term outdoor usage, as well as agricultural and industrial workplaces. When working in extreme temperatures, skin contact might be harmful. It is incompatible with mechanical stress systems. It should not be buried in the earth directly.

\* Special productions can be made for long-term outdoor usage upon the customer's requests.

### SECTION RANGE

- From 0.75mm<sup>2</sup> up to 630mm<sup>2</sup>

### CONDUCTOR QUANTITY

- From 1 core up to 36 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.