

## PVC INSULATED NON SHEATHED BUILDING WIRE (H07V2-U) AS PER BS EN 50525-2-31

### APPLICATION

These type of wires / cables are intended for use in the indoor fixed installation, distribution in conduits as well as in closed installation ducts, and is ideal for the internal wiring of appliances and apparatus, supplying power and lighting in residential and commercial buildings.

### CONSTRUCTION

|                                 |                                                                                        |
|---------------------------------|----------------------------------------------------------------------------------------|
| <b>Conductor:</b>               | Solid (Class 1) Annealed Plain Copper Conductor to EN 60228                            |
| <b>Insulation:</b>              | PVC (Polyvinyl Chloride) TI-3 Rated at 90°C as per EN 50363-3                          |
| <b>Insulation Colour:</b>       | Red, Yellow, Blue , Black , Green / Yellow & Other Colour Available as per Requirement |
| <b>Printing Text (Example):</b> | TEKAB SIZE H07V2-U 450/750 V BS EN 50525-2-31<br>MADE IN UAE                           |

### TECHNICAL DATA

|                               |                                                                          |
|-------------------------------|--------------------------------------------------------------------------|
| <b>Operating Temperature:</b> | During Normal Operation - 90°C<br>During Short Circuit Condition - 160°C |
| <b>Voltage Rating:</b>        | 450/750 V                                                                |
| <b>Flame Retardant:</b>       | IEC 60332-1-2 (upon request)                                             |



| SERIAL NO. | TEKAB CODE | NO. OF CORES X CONDUCTOR SIZE (NO. X Sq.mm.) | NO. OF STRANDS | NOMINAL INSULATION THICKNESS (mm) | APPROX. OVERALL DIA. (mm) | APPROX. WEIGHT (kg/km) |
|------------|------------|----------------------------------------------|----------------|-----------------------------------|---------------------------|------------------------|
| 1          | H07V2-U    | 1C X 1.5                                     | 1              | 0.7                               | 2.8                       | 21                     |
| 2          | H07V2-U    | 1C X 2.5                                     | 1              | 0.8                               | 3.4                       | 32                     |
| 3          | H07V2-U    | 1C X 4                                       | 1              | 0.8                               | 3.9                       | 50                     |
| 4          | H07V2-U    | 1C X 6                                       | 1              | 0.8                               | 4.4                       | 70                     |
| 5          | H07V2-U    | 1C X 10                                      | 1              | 1.0                               | 5.7                       | 114                    |

**Packing:** Packing is available in Coil/Reel/Drum with meters/Yards/Feet.