

PVC INSULATED NON SHEATHED SINGLE CORE WIRE / CABLE (H07V2-R) 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

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



TECHNICAL DATA

Operating Temperature:	During Normal Operation - 90°C During Short Circuit Condition - 160°C
Voltage Rating:	450/750 V
Flame Retardant:	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-R	1C X 1.5	7	0.7	3.1	22
2	H07V2-R	1C X 2.5	7	0.8	3.7	34
3	H07V2-R	1C X 4	7	0.8	4.2	51
4	H07V2-R	1C X 6	7	0.8	4.8	75
5	H07V2-R	1C X 10	7	1.0	6.1	120
6	H07V2-R	1C X 16	7	1.0	7.2	180
7	H07V2-R	1C X 25	7	1.2	8.9	285
8	H07V2-R	1C X 35	7	1.2	10.1	380
9	H07V2-R	1C X 50	19	1.4	11.8	510
10	H07V2-R	1C X 70	19	1.4	13.6	720
11	H07V2-R	1C X 95	19	1.6	16.0	1000

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12	H07V2-R	1C X 120	37	1.6	17.6	1240
13	H07V2-R	1C X 150	37	1.8	19.5	1525
14	H07V2-R	1C X 185	37	2.0	21.8	1915
15	H07V2-R	1C X 240	37	2.2	24.8	2500
16	H07V2-R	1C X 300	61	2.4	27.6	3100
17	H07V2-R	1C X 400	61	2.6	31.0	3950
18	H07V2-R	1C X 500	61	2.8	34.5	4950
19	H07V2-R	1C X 630	91	2.8	38.7	6400

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

BSEN 50252-2-31 includes sizes from 1.5 SQMM to 35 SQMM.
The sizes above 35 SQMM shall be 'GEN TO BSEN 50525-2-31'.

