

PVC INSULATED NON SHEATHED SINGLE CORE WIRE / CABLE (105 DEG C) AS PER GENERALLY TO 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) Rated at 105°C

Insulation Colour: Red, Yellow, Blue , Black , Green / Yellow & Other Colour Available as per Requirement

Printing Text (Example): As per request

TECHNICAL DATA

Operating Temperature: During Normal Operation - 105°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	V8	1C X 1.5	7	0.7	3.1	22
2	V8	1C X 2.5	7	0.8	3.7	34
3	V8	1C X 4	7	0.8	4.2	51
4	V8	1C X 6	7	0.8	4.8	75
5	V8	1C X 10	7	1.0	6.1	120
6	V8	1C X 16	7	1.0	7.2	180
7	V8	1C X 25	7	1.2	8.9	285
8	V8	1C X 35	7	1.2	10.1	380
9	V8	1C X 50	19	1.4	11.8	510
10	V8	1C X 70	19	1.4	13.6	720
11	V8	1C X 95	19	1.6	16.0	1000

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12	V8	1C X 120	37	1.6	17.6	1240
13	V8	1C X 150	37	1.8	19.5	1525
14	V8	1C X 185	37	2.0	21.8	1915
15	V8	1C X 240	37	2.2	24.8	2500
16	V8	1C X 300	61	2.4	27.6	3100
17	V8	1C X 400	61	2.6	31.0	3950
18	V8	1C X 500	61	2.8	34.5	4950
19	V8	1C X 630	91	2.8	38.7	6400

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

