

PVC INSULATED NON SHEATHED SINGLE CORE WIRE / CABLE (TYPE - BR) AS PER GENERALLY TO BS 6231

APPLICATION

These type of wires / cables are intended ideal for power, lighting and control circuits in industrial, commercial, and residential settings, offering reliable performance in fixed installations.

CONSTRUCTION

Conductor:	Stranded (Class 2) Annealed Plain Copper Conductor to EN 60228
Insulation:	PVC (Polyvinyl Chloride) TI-1 Rated at 70°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 TYPE - BR 600/1000 V MADE IN UAE



TECHNICAL DATA

Operating Temperature:	During Normal Operation - 70°C During Short Circuit Condition - 160°C
Voltage Rating:	600/1000 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	V	1C X 1.0	7	0.8	2.9	18
2	V	1C X 1.5	7	0.8	3.1	22
3	V	1C X 2.5	7	0.8	3.7	34
4	V	1C X 4	7	0.8	4.2	51
5	V	1C X 6	7	0.8	4.8	75
6	V	1C X 10	7	1.0	6.1	120
7	V	1C X 16	7	1.0	7.2	180
8	V	1C X 25	7	1.2	8.9	285
9	V	1C X 35	7	1.2	10.1	380
10	V	1C X 50	19	1.4	11.8	510
11	V	1C X 70	19	1.4	13.6	720

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12	V	1C X 95	19	1.6	16.0	1000
13	V	1C X 120	37	1.6	17.6	1240
14	V	1C X 150	37	1.8	19.5	1525
15	V	1C X 185	37	2.0	21.8	1915
16	V	1C X 240	37	2.2	24.8	2500

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

