

PVC INSULATED PVC SHEATHED TWIN FLAT CABLE (WITHOUT ECC) AS PER BS EN 50525-2-11

APPLICATION

Flat twin cables without ECC are ideal for lighting circuits, low-power electronic devices, small household appliances, extension cords, and intercom systems where grounding is not required.

CONSTRUCTION

Conductor:	Flexible (Class 5) Annealed Plain Copper Conductor to EN 60228
Insulation:	Extruded Polyvinyl Chloride (PVC) rated 90°C Compound
Core Identification:	Red & Black Other colors are available upon request.
Assembly:	The cores shall be laid parallel.
Outer Sheath:	Extruded Polyvinyl Chloride (PVC) rated 90°C compound in Grey color. Other colors are available upon request.
Printing Text on the Outer Sheath (Example):	TEKAB CU/PVC/PVC 300/500V 2C X 1.5 MM ² H2-K 90°C YEAR OF MANUFACTURE MADE IN UAE LENGTH METER MARKING



TECHNICAL DATA

Operating Temperature:	During Normal Operation - 90°C During Short Circuit Condition - 160°C
Voltage Rating:	300/500V
Flame Retardant:	IEC 60332-1-2 (upon request)

SERIAL NO.	TEKAB CODE	NO. OF CORES X CONDUCTOR SIZE (NO. X Sq.mm.)	NOMINAL INSULATION THICKNESS (mm)	NOMINAL OUTER SHEATH THICKNESS (mm)
1	V2V2	2C X 0.75	0.6	0.8
2	V2V2	2C X 1	0.6	0.8
3	V2V2	2C X 1.5	0.7	0.8
4	V2V2	2C X 2.5	0.8	0.9
5	V2V2	2C X 4	0.8	1.0

The sizes above 1.5 Sq.mm. shall be 'GEN TO BSEN 50525-2-11'.