

PVC INSULATED PVC SHEATHED TWIN FLAT CABLE WITH ECC AS PER GENERALLY TO BS 6004

APPLICATION

Flat twin cables with ECC (Earth Continuity Conductor) are ideal for lighting circuits, safety in power distribution, industrial machinery, building wiring, automotive systems, low-power electronic devices, and intercom systems where grounding is required.

CONSTRUCTION

Conductor:	Annealed Plain Copper Conductor to EN 60228
Insulation:	Extruded Polyvinyl Chloride (PVC) rated 90°C Compound
Core Identification:	Blue & Brown Other colors are available upon request.
Position of ECC:	Centrally placed between cores in same plane.
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 MM2 + 1.0 MM2 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.)	NO. OF CONDUCTOR STRANDS	ECC AREA (MM2)	NOMINAL INSULATION THICKNESS (mm)	NOMINAL OUTER SHEATH THICKNESS (mm)
1	V2V2	2C X 1.0	1	1.0	0.6	0.9
2	V2V2	2C X 1.5	1	1.0	0.7	0.9
3	V2V2	2C X 2.5	1	1.5	0.8	1.0
4	V2V2	2C X 4	7	1.5	0.8	1.0