

MULTI CORE FLEXIBLE PVC INSULATED PVC SHEATHED CABLE AS PER GENERALLY TO BS EN 50525-2-11 (105 DEG C)

APPLICATION

This type of cable is designed to withstand medium mechanical stresses and allows for frequent bending and twisting. It is particularly well-suited for use in household environments, kitchens and offices, including applications with washing machines, dryers and refrigerators, provided it meets the device's specifications. It is also suitable for fixed installation within furniture, partition walls, decorative linings and cavities in prefabricated construction elements, even in dry and damp conditions.

CONSTRUCTION

Conductor: Flexible (Class 5) Annealed Plain Copper Conductor to EN 60228

Insulation: PVC (Polyvinyl Chloride) Rated at 105°C

Core Identification:
 2 Core: Blue & Brown
 3 Core: Green/Yellow, Blue & Brown
 4 Core: Green/Yellow, Black, Blue & Brown
 5 Core: Green/Yellow, Black, Blue, Brown & Black

Assembly: The cores are twisted into a round shape, with fillers incorporated as needed to maintain structural consistency.

Outer Sheath: PVC (Polyvinyl Chloride). Outer sheath colour shall be White. Other colors are available upon request.

Printing Text on the Outer Sheath (Example): TEKAB 450/750V NO. OF CORES X SIZE CU/PVC/PVC HR 105 DEG C GEN TO BS EN 50525-2-11 MADE IN UAE

TECHNICAL DATA

Operating Temperature: During Normal Operation - 105°C
 During Short Circuit Condition - 160°C

Voltage Rating: 450/750V

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)	APPROX. OVERALL DIA. (mm)	APPROX. WEIGHT (kg/km)
1	H07V2V2-F_105 DEG C	2C X 6	0.8	1.1	11.5	240
2	H07V2V2-F_105 DEG C	2C X 10	1.0	1.1	14.4	380
3	H07V2V2-F_105 DEG C	2C X 16	1.0	1.2	17.4	560
4	H07V2V2-F_105 DEG C	2C X 25	1.2	1.4	22.0	870

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5	H07V2V2-F_105 DEG C	2C X 35	1.2	1.5	24.9	1150
6	H07V2V2-F_105 DEG C	3C X 6	0.8	1.2	12.6	310
7	H07V2V2-F_105 DEG C	3C X 10	1.0	1.2	15.5	485
8	H07V2V2-F_105 DEG C	3C X 16	1.0	1.4	19.0	715
9	H07V2V2-F_105 DEG C	3C X 25	1.2	1.6	23.9	1115
10	H07V2V2-F_105 DEG C	3C X 35	1.2	1.6	26.8	1455
11	H07V2V2-F_105 DEG C	4C X 6	0.8	1.2	13.7	375
12	H07V2V2-F_105 DEG C	4C X 10	1.0	1.4	17.4	610
13	H07V2V2-F_105 DEG C	4C X 16	1.0	1.6	21.2	910
14	H07V2V2-F_105 DEG C	4C X 25	1.2	1.6	26.3	1390
15	H07V2V2-F_105 DEG C	4C X 35	1.2	1.6	29.5	1825
16	H07V2V2-F_105 DEG C	5C X 6	0.8	1.4	15.5	470
17	H07V2V2-F_105 DEG C	5C X 10	1.0	1.6	19.5	750
18	H07V2V2-F_105 DEG C	5C X 16	1.0	1.6	23.4	1105
19	H07V2V2-F_105 DEG C	5C X 25	1.2	1.6	29.1	1690
20	H07V2V2-F_105 DEG C	5C X 35	1.2	1.6	32.7	2225

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

