

PVC INSULATED FLEXIBLE CABLE

300/500V



70°C

HR-PVC 90°C

HR-PVC 105°C

APPLICATION

For use in applications where greater flexibility is required to assist installation. Suitable for power, lighting circuits and building wiring. These cables are intended for use in the indoor application, distribution in conduits as well as in closed installation ducts, and for the internal wiring of appliances and apparatus.

APPLICABLE STANDARD

BS EN 50525-2-11 *

*(HR-PVC 105°C cables will be generally to BS EN 50522-2-11)

DIMENSIONS

CONDUCTOR SIZE	INSULATION THICKNESS	CABLE DIAMETER			
		2 CORE	3 CORE	4 CORE	5 CORE
mm ²	mm	mm	mm	mm	mm
0.75	0.6	7.0	7.2	8.0	9.0
1.0	0.6	7.5	7.5	8.5	9.5
1.5	0.7	8.5	9.0	10.0	11.0
2.5	0.8	10.0	11.0	11.5	13.0
4.0	0.8	11.0	12.0	13.5	15.0
6.0*	0.8	13.0	13.5	15.0	16.5
10.0*	1.0	15.5	16.5	18.5	20.0

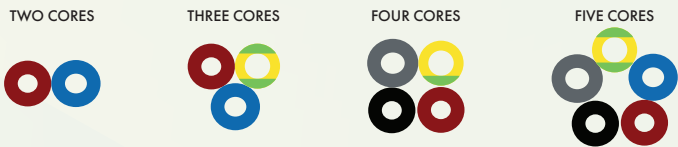
CONSTRUCTION

- Conductor:** Annealed plain copper (multi stranded flexible, class-5)
- Insulation:** Extruded PVC*
*(PVC TI 1 for 70°C/ TI 3 for 90°C/ PVC 105°C.)
- Sheath:** Extruded PVC*
*(PVC TM 51 for 70°C/ TM 53 for 90°C/ PVC 105°C.)

PACKING

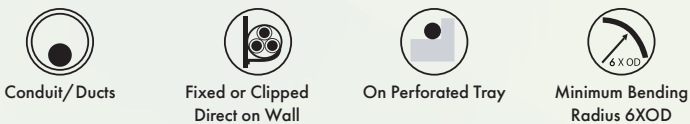
Cable shall be supplied in coils/ spools/ drums.

CORE COLOUR IDENTIFICATION

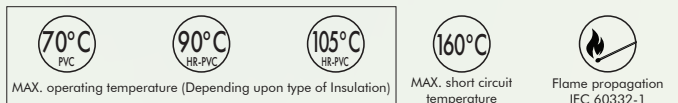


Depending upon the project requirements, other core cables like BS old colors (Red, Blue, Yellow) can be provided*

CABLE INSTALLATION



CHARACTERISTICS



* These sizes will be generally to BS EN 50525-2-11.



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omancables.com