

HR - PVC (90°C) INSULATED FLEXIBLE CABLE 300/500V



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 with rated temperature up to 90 °C.

APPLICABLE STANDARDS

BS EN 50525-2-11

CHARACTERISTICS

CONDUCTOR SIZE	NOMINAL INSULATION THICKNESS	MAXIMUM OPERATING TEMPERATURE	APPROX OVERALL DIAMETER FOR TWO CORE CABLE	APPROX OVERALL DIAMETER FOR THREE CORE CABLE	APPROX OVERALL DIAMETER FOR FOUR CORE CABLE
mm ²	mm	°C	mm	mm	mm
0.75	0.6	90	7.0	7.5	8.0
1.0	0.6	90	7.5	7.5	8.5
1.5	0.7	90	8.5	9.0	10.0
2.5	0.8	90	10.0	11.0	11.5
4.0	0.8	90	11.0	12.0	13.5
6.0	0.8	90	13.0	13.5	15.0
10.0	1.0	90	15.5	16.5	18.5

CONSTRUCTION

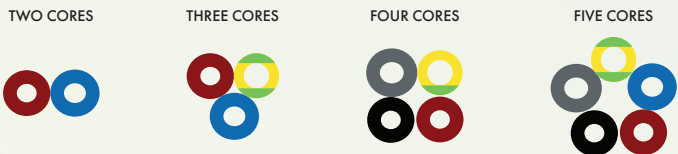
Flexible cable consists of two cores, three cores, four cores or five cores of the following construction

1. **Conductor:** Annealed plain copper (multi stranded flexible, class-5)
2. **Insulation:** Extruded PVC TI 3
3. **Outer sheath:** Extruded PVC type TM 3

PACKING

Cable Shall be supplied in coils / spools of 100 yard or 500 meters & Drums for 1,000 meters and above.

CORE COLOUR IDENTIFICATION



Depending upon the project requirements, Oman Cables can provide other core colors like BS old colors (Red, Blue, Yellow)

CABLE INSTALLATION

