



ARKA INDIA

Phone: +91 7292060278 | Email: arkaindia25@gmail.com

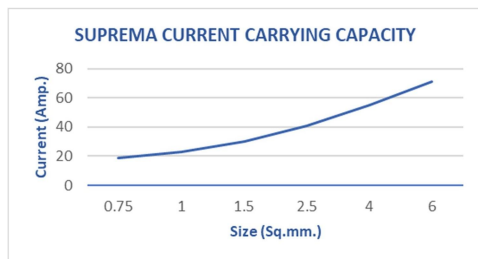
APPLICATION

ARKACAB SM HRFR single conductor wire is designed to use in High rise buildings, Hospitals, Industrial Parks, Offices where heat resistance, insulation resistance and safety is major concern. ArkaCab SM can be installed in conduit wiring or clipped wiring for fixed installation.

CHARACTERISTICS

Voltage Rating
1100 V grade

Operation Temperature
Fixed: -15°C to + 105°C



CONSTRUCTION

- Annealed bare bunched copper conductor as per IS 8130 Class-5.
- Insulated with electron beam cross-linked flame-retardant in-house PVC compound as per IS 694.

OUTSTANDING FEATURES

- Excellent Insulation
- Oil & chemical resistance
- High abrasion resistance
- Improved current rating
- High moisture resistance
- Resistant to melt resistance
- High heat resistance
- High life – Design for long operational life in any environment.

Bending Radius

Fixed: 4 X Overall Diameter

Occasional: 6 X Overall Diameter

OUR ACCREDITATIONS



STANDARD FOLLOWS

- ASTM B3
- Indian Standard - IS 694:2010/IS 8130/IS 5831

APPROVAL



Packaging Images



Arka India

Sector-3, Ballabhgarh, Faridabad, Haryana-121004 (Registered Gst Address)

Website- <https://arkaindia.org>



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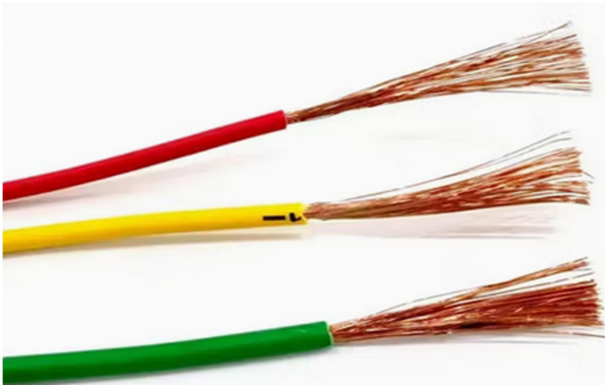
Dimensional and electrical properties:

Product Code	Nominal cross-sectional area	Class of Conductor	No. of strand/max. dia. of each strand	Nominal insulation thickness	Approx. overall diameter	Maximum DC conductor resistance at 20°C	Current carrying capacity 2 cables in single phase	
							Reference Method B (enclosed in conduit on a wall or in trunking)	Reference Method C (clipped direct to surface in air)
	mm ²		No./mm	mm	mm	Ω/km	Amp.	Amp.
ARKAIN01ARKAC.75S	0.75	Class 5	24/0.21	0.6	2.25	26	15	19
ARKAIN02ARKAC1.0S	1	Class 5	32/0.21	0.6	2.4	19.5	18	23
ARKAIN03ARKAC1.5S	1.5	Class 5	30/0.26	0.6	2.86	13.3	24	30
ARKAIN04ARKAC2.5S	2.5	Class 5	50/0.26	0.7	3.48	7.98	33	41
ARKAIN05ARKAC4.0S	4	Class 5	56/0.31	0.8	3.95	4.95	45	55

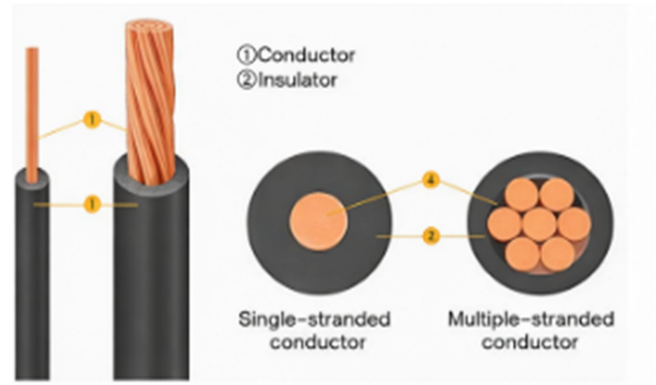
Packaging:

*ARKACAB SM : 90 Mtr in mono & master cartoon.

*Length will be- 90mtr, 100mtr, 200mtr.



Single Core multi-strands pure copper wire



Cross sectional view for House Wire

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