

RADILITE multi-core flexible round cables

Owing to our consistent efforts for quality and providing the best, we have developed exhaustive range of industrial multi-core flexible round cables suitable to various power machineries. Manufactured with best quality of conductor (electrolytic grade copper) and finest grade of indigenously developed PVC compound RADILITE wires and cables give maximum safety at no extra cost.

Construction:

Conductor - Bare annealed copper as per IS:694/ BS 6360.

Cores Insulation: Virgin grade natural PVC (type A, C and D).

Sheath insulation: Skin color PVC of type ST1 or ST3.

Standard- IS:694 / 2010

Sizes- 0.75 sq.mm. to 10.0 sq.mm. (2 core, 3 core and 4 core).

Cable Code: YY

Standard Packing available in 90 mtr coils.

Colors: Black or white.

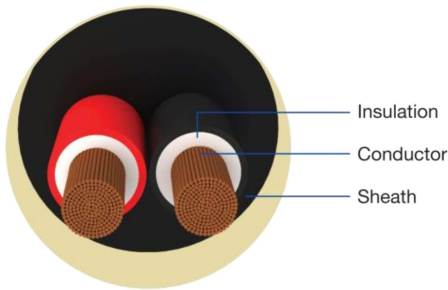
Salient features:

- Electrolytic grade copper having pure and maximum conductivity to ensure maximum safety.
- indigenously developed PVC compound formulated from finest ingredients giving best heat resistant properties.
- High tensile strength of PVC for good load capacity.
- PVC formulated to ensure NO SPREAD OF FIRE.
- Highly insulation resistance and volume resistivity ensuring no leakage of current.
- Highly durable cables with oil resistance.
- Cores insulation formulated for high current capacity for customer safety.
- Sheath insulation designed for weather resistant properties ensuring best for outdoor usage.

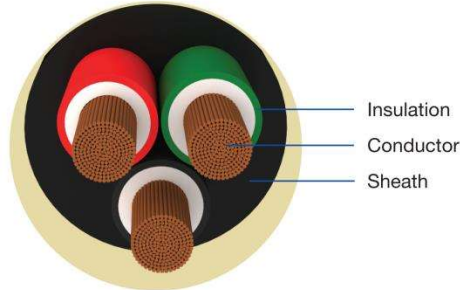
Application:

PVC insulated multi- core round copper cables are used for giving electrical connections to motors, other machineries and electrical appliance either in industrial or domestic use.

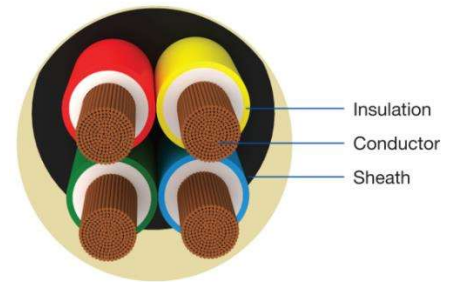
Cross – sectional view of RADILITE multi-core round cables:



2 CORE



3 CORE



4 CORE

Technical data sheet for RADILITE multi-core round flexible cables:

Conductor area (sq.mm.)	No. of strands/size (mm.)	Max. DC resistance at 20°C (ohm/km)	Insulation thickness nominal (mm.)	Sheath thickness nominal (mm.)			Overall Cable dia. Approx. (mm.)			Current carrying capacity (Amps.)
				2 core	3 core	4 core	2 core	3 core	4 core	
0.75	10/0.3	26.0	0.60	0.9	0.9	0.9	6.6	6.9	7.4	8
1.0	14/0.3	19.5	0.70	0.9	0.9	0.9	7.1	7.3	8.0	13
1.5	22/0.3	13.3	0.80	0.9	0.9	1.0	7.5	8.0	9.0	17
2.5	36/0.3	7.98	0.80	1.0	1.0	1.0	9.0	9.4	10.4	24
4.0	56/0.3	4.95	0.80	1.0	1.0	1.0	10.0	10.6	11.8	30
6.0	84/0.3	3.30	1.00	1.1	1.2	1.2	11.2	12.3	13.6	38
10.0	140/0.3	1.91	1.20	1.3	1.4	1.4	14.8	16.0	17.6	52