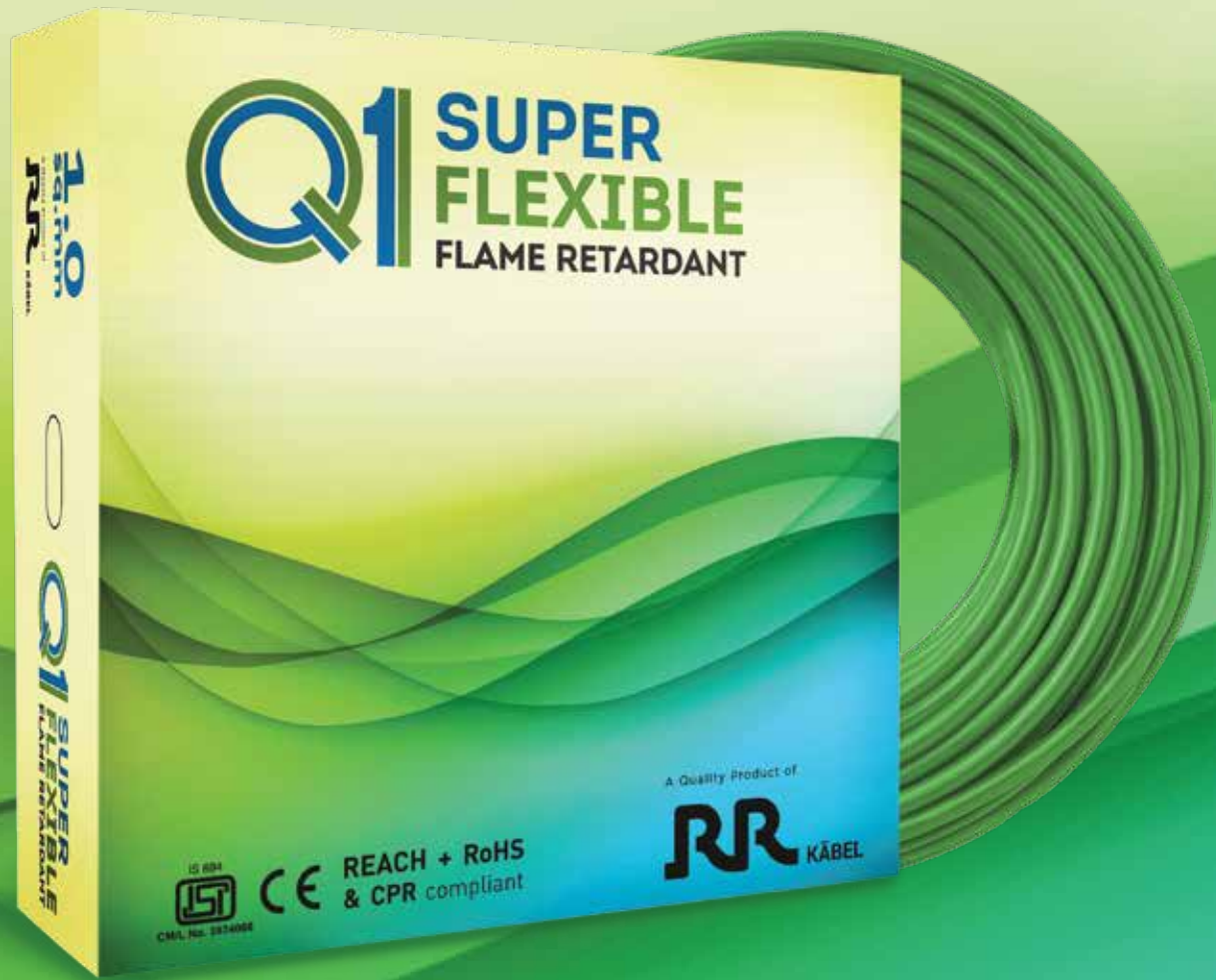




**SUPER
FLEXIBLE**
FLAME RETARDANT



REACH + RoHS & CPR Compliant

A Quality Product of



SUPER FLEXIBLE FLAME RETARDANT



Description:

"Flame Retardant PVC insulated single core flexible cable"

Highlight:

- Excellent Flame Retardant properties
- High Thermal Stability
- High Flexibility
- Exceeds 101% Conductivity
- Anti Rodent & Anti Termite
- REACH, RoHS, CE & CPR Compliant

Application:

Suitable for flexible wiring in infrastructural projects, offering ease of installations.

Technical Data

Approvals : IS 694 marked, FIA/TAC

Voltage Grade : Up to and including 1100 V

Conductor : Fine strands of electrolytic annealed bare copper are multi-drawn for uniformity of resistance, dimension and flexibility.

Insulation : Specially formulated flame retardant PVC insulation with anti rodent and anti termite properties. The FR property retards the propagation of flame without compromising safety.

Insulation Conformity : IS 5831, Type D FR 70° C.

Colours : Red, yellow, blue, black, green, grey & white

Marking : The cables are printed with marking of 'Q1 FR'.

Packing : 90 mtr. coil is packed in protective cartons.

Cable Design Parameters

Kindly complete the part numbers for these cables by adding the suffix (in place of 'xx') for the colour required:

01 - green, 02 - black, 03 - red, 04 - blue, 05 - yellow, 06 - grey, 07 - white.

Part Number	Nominal Cross Sectional Area (Sq. mm)	**Number of strands/ Max. dia. of each strands (mm)	Nominal Insulation Thickness (mm)	Approx. Overall Diameter (mm)	Max. DC Conductor Resistance at 20 °C (Ω/km)	*Current Carrying Capacity - 2 Cables Single Phase	
						In conduit / trunking (Amps.)	Clipped direct to a surface or on cable tray and unenclosed (Amps.)
01210102xx20	0.75**	24/0.21	0.6	2.3	26.0	8	9
01210103xx20	1	32/0.21	0.6	2.5	19.5	11	12
01210104xx20	1.5	30/0.26	0.6	2.8	13.3	15	16
01210105xx20	2.5	50/0.26	0.7	3.4	7.98	19	23
01210106xx20	4	56/0.31	0.8	4.1	4.95	26	30
01210107xx20	6	84/0.31	0.8	4.6	3.30	33	38

* As per IS 3961 (Part V) | ** As per conductor class 5 of IS 8130

Properties

Test	Test Method	Values
Limited Oxygen Index	IS 10810 P-58	> 29%
Limited Temp. Index	IS 10810 P-64	>250 °C



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REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals | ISI = Indian Standard Institution

RoHS = Restriction of Hazardous Substances | CE = Conformance Européenne | CPR = Construction Product Regulation