



Stay Safe & Protected



BCH WIRES & CABLES

BCH Electric Limited, one of the largest manufacturers of LV electrical and electronics control in India, offers a wide range of Flame Retardant (FR) & Flame Retardant Low Smoke-Low Halogen (FR-LSH) Wires & Cables with enhanced properties to protect lives and property from electrical fires.



FR - FLAME RETARDANT (MULTISTRAND)
BCH FR & FR-LSH WIRES & CABLES



CM/L - 8671693



Energy Saving



Anti Rodent



FR

BCH FR & FR-LSH Cables

SALIENT FEATURES:

- RoHS: PVC compounds free from hazardous substances
- Lead free & Environment Friendly
- Higher current carrying capacity.
- Energy Saving due to Low heat losses
- Higher Insulation Resistance
- More than 101% Copper conductivity.
- 99.98% Pure Copper Conductor
- Glossy & Smooth surface Finish
(Ensures efficient and smooth conduit wiring)
- Low Emission of toxic Gases
(A highly safe product in fire situations)
- BCH FR & FR-LSH Cables are tested to Indian / International Standards for blow values



TEST	TEST REQUIREMENTS	TYPICAL VALUES	
		FR & FR-LSH WIRES	PVC INSULATED WIRES
Critical Oxygen Index	To determine percentage of oxygen required for supporting combustion of insulating material at room temperature (IS 10810 Part 58)	More than 29%	23%
Temperature Index	To determine at what temperature normal oxygen content of 21% in air will support combustion of insulating material (IS 10810 Part 64)	More than 250°C	150°C
Acid gas generation	To ascertain the amount of Hydrochloric acid gas evolved from insulation of wire under fire (IS 10810 Part 59)	Less than 20%	45 - 50%
Smoke Density	To measure the performance of a cable under specified test conditions as per IEC 61034-2:2006. Measurement of the Smoke density in the air	Less than 60% (Only for FR-LSH)	More then 60%

Also meets requirements of Flammability test as per IS 10810 : Part 53

BCH Code	(Sq. mm.)
CRDFR01-0005D-AAA	0.5 Sqmm
CRDFR01-0008D-AAA	0.75 Sqmm
CRDFR01-0010D-AAA	1.0 Sqmm
CRDFR01-0015D-AAA	1.5 Sqmm
CRDFR01-0025D-AAA	2.5 Sqmm
CRDFR01-0040D-AAA	4.0 Sqmm
CRDFR01-0060D-AAA	6.0 Sqmm

BCH Code	CONDUCTOR AREA (Sq. mm.)
CRLS01 -0005D-AAA	0.5 Sqmm
CRLS01 -0008D-AAA	0.75 Sqmm
CRLS01 -0010D-AAA	1.0 Sqmm
CRLS01 -0015D-AAA	1.5 Sqmm
CRLS01 -0025D-AAA	2.5 Sqmm
CRLS01 -0040D-AAA	4.0 Sqmm
CRLS01 -0060D-AAA	6.0 Sqmm



**BCH
ELECTRIC
LIMITED**

Please scan QR code to see complete offering



Visit us at : www.bchindia.com

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Works 2 : 64-68, Sector-7, IIE, Pant Nagar, Rudrapur, Udham Singh Nagar - 263 153 (Uttarakhand) Tel. : 05944-250214/16 Fax : 05944-250215