

25 Excellence
Years of Service



Delivering Power to the Nation

PRODUCT CATALOGUE 2022

Heat Resistance Fire Retardant (HRFR)



www.zeniumcables.com

HRFR CABLES

There have been many fire accidents in the past due to the corrosive fumes and flickering fire of the cables resulting in loss of wealth and resources! HRFR Cables are resistant to flames because of its flame retardant properties and ensures reduced smoke emission. They're less harmful in nature and produce a smaller amount of corrosive vapors.

These wires are insulated with flame retardant compound with a high oxygen and temperature index, specially formulated and manufactured in house. In a nutshell, they act as fire retardants.

It is thus ideal of concealed and conduit wiring in multi-storied high rise buildings such as hotels, banks, hospitals, factories, commercial complexes and residential apartments etc.

Zenium Cables, have been providing HRFR cables since the last 25 years, and today is one of the most reputed indigenous cable manufacturing company in India, catering to diverse customer needs across industries.

Sr.no	Conductor Size	Construction	Insulation Thickness (Nom)	Overall Diameter (Approx)	Maximum DC Resistance at 20°C	Current Carrying Capacity
	Sq.mm	No/mm	mm	mm	Ohm/Km	Amps
1	0.25	8/0.2	0.2	1.2	74	1.5
2	0.35	11/0.2	0.2	1.4	52	2
3	0.5	16/0.2	0.6	2.2	39	4
4	0.75	24/0.2	0.6	2.4	26	7
5	1	14/0.3	0.7	3	18.1	12
6	1.5	22/0.3	0.7	3.2	12.1	16
7	2.5	36/0.3	0.8	3.8	7.41	22
8	4	56/0.3	0.8	4.5	4.95	29
9	6	84/0.3	0.8	5.5	3.3	37
10	10	140/0.3	1	6.7	1.91	46
11	16	126/0.4	1	8.2	1.21	62
12	25	196/0.4	1.2	10	0.78	80
13	35	276/0.4	1.4	11.3	0.554	102
14	50	396/0.4	1.4	13.5	0.386	138
15	70	360/0.5	1.6	15.5	0.272	214
16	95	475/0.5	1.6	18.5	0.206	260
17	120	608/0.5	2	20.9	0.161	305
18	150	750/0.5	2	22.5	0.129	355

