

Inflexible HFFR (halogen free fire resistant) Cables 0.6/1 KV

Standard: ISIRI 3569 & BS 5469 & IEC 60502 & VDE 0271

Temperature rating : 90 °c

Rated Voltage: 0.6/1 KV

Construction: Copper conductor(class1 or 2),

Poly olefin (hffr) jacket . & Poly olefin (hffr) insulation

This could be in an underground or over ground railway, airport, hospital , ship, offshore rig or in any other public building or space.



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Nominal cross section	No. of strands x dia.	Insulation Thickness	Sheath Thickness	Overall Diameter	Weight	Max. conductor resistance at 25°C	Current Capacity At 25°C	
							air	ground
mm ²	mm	mm	mm	mm	kg/km	(Ω / km)	(A)	
1 x 16	7 x 1.70	1	1.4	9.6	142	1.15	261	741
1 x 25	7 x 2.14	1.2	1.4	11.2	173	0.727	681	228
2 x 4	1*2.25	1	1.8	12.4	190	4.61	-	43
2x 10	1*3.57	1	1.8	15.0	330	1.83	-	78
3 x 1.5	1 x 1.38	0.8	1.8	10.6	143	12.1	-	24
3 x 2.5	1 x 1.78	0.8	1.8	11.5	181	7.41	-	32
3 x 4	1 x 2.25	1	1.8	13.1	253	4.61	-	43
3 x 6	1 x 2.76	1	1.8	14.5	324	3.08	-	56
4 x 6	1 x 2.76	1	1.8	15.3	390	3.08	-	56
4 x 5	1*2.23	1	1.8	15.4	370	4.61	-	43
4 x 35	7*2.56 Compact	1.2	1.8	27.2	1600	0.524	-	170
5 x 2.5	1 x 1.78	0.8	1.8	15.8	393	7.41	-	32
5 x 4	1 x 2.25	1	1.8	17.1	499	4.61	-	43
5 x 6	1 x 2.76	1	1.8	16.4	350	3.08	-	56
5 x 10	1 x 3.57	1	1.8	18.6	472	1.83	-	78
5 x 16	7 x 1.7	1	1.8	22.7	7105	1.15	-	104

وزنها و قطرهای ارائه شده به صورت نامی و تقریبی هستند .

Inflexible HFFR (halogen free fire resistant) Cables 0.6/1 KV

Standard: ISIRI 3569 & BS 5469 & IEC 60502 & VDE0271

Temperature rating : 90 °c

Rated Voltage: 0.6/1 KV

Construction: Copper conductor(class1 or 2),

Poly olefin (hffr) jacket . & XLPE insulation

This could be in an underground or over ground railway, airport, hospital , ship, offshore rig or in any other public building or space.

Nominal cross section	No. of strands x dia.	Insulation Thickness	Sheath Thickness	Overall Diameter	Weight	Max. conductor resistance at 25°C	Current Capacity At 25°C	
							air	ground
mm ²	mm	mm	mm	mm	kg/km	(Ω /km)	(A)	
1 x 16	7 x 1.77 Compact	0.7	1.4	9.8	195	1.15	421	152
1 x 25	7 x 2.20 Compact	0.9	1.4	10.6	295	0.727	165	196
1*35	7 x 2.56 Compact	0.9	1.4	11.7	385	0.524	203	234
1*50	19 x 1.82 Compact	1.0	1.4	13.3	520	0.387	248	276
1*70	19 x 2.16 Compact	1.0	1.4	15.1	705	0.268	313	338
1*95	19 x 2.48	1.0	1.5	17.6	990	0.193	385	403
1*120	37 x 2.01	1.2	1.6	19.7	1240	0.153	449	458
1*150	37 x 2.19	1.4	1.6	21.5	1470	0.124	514	514
1*185	37 x 2.48	1.6	1.7	24	1870	0.0991	593	580
1*240	61 x 2.19	1.7	1.8	26.8	2380	0.0754	708	674
2*70	19*2.16 Compact	1.1	1.9	28.3	1480	0.268	269	---
3 x 2.5	1 x 1.75	0.7	1.8	10.40	150	7.41	-	---
3*4	3*2.21	0.7	1.8	11.5	205	4.61	41	53
3*6	7*2.1	0.7	1.8	12.5	270	3.08	52	67
3 x 6	1 x 2.72	0.7	1.8	12.5	265	3.08	-	---
3 x 16	7 x 1.77	0.7	1.8	16.70	570	1.15	-	---
3*25	7*2.20 Compact	0.9	1.8	20.3	860	0.727	127	154
3*70	19*2.16 Sector	1.0	1.8	27.5	2115	0.268	242	274
3*95	19*2.54 Sector	1.1	2.0	31.5	2820	0.193	293	330
4 x 2.5	1 x 2.75	0.7	1.8	11.25	184	7.41	-	---
4 x 4	1 x 2.23	0.7	1.8	12.40	251	4.61	-	---
4 x 6	1 x 2.72	0.7	1.8	13.60	333	3.08	-	---
4 x 10	1 x 3.53	0.7	1.8	15.50	500	1.83	-	---
4 x 16	7 x 1.77	0.7	1.8	18.30	730	1.15	-	---
4*35	7*2.56 Compact	0.9	1.8	25.5	1490	0.524	157	188
4*50	19*1.82 Sector	1.0	1.8	27.3	1990	0.387	191	222
5 x 2.5	1 x 1.75	0.7	1.8	12.60	225	7.41	-	---
5 x 4	1 x 2.23	0.7	1.8	14.0	310	4.61	-	---
5*6	7*2.1	0.7	1.8	15.5	415	3.08	52	67
5*10	1*3.53	0.7	1.8	17.7	625	1.83	72	90
5*16	7*1.77 Compact	0.7	1.8	20.0	905	1.15	96	118

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