

flexible Conductor HFFR (halogen free fire resistant)

Standard: BS 7627

Temperature rating : 90 °c

Rated Voltage: 300/500V and 450/750V

Construction: Fine bunched annealed Copper wire Poly olefin (hffr) insulation

Application: 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	Mean Overall Dia.		Max. Conductor Resistance At 20°C	Weight	Current Capacity At 25°C	Voltage
			min	max				
mm ²	mm	mm	mm	mm	(Ω /km)	kg/km	(A)	V
0.50	16 x 0.20	0.60	2.1	2.5	39	9	7.5	300/500
0.75	24 x 0.20	0.60	2.2	2.7	26	12	11.2	300/500
1	32 x 0.20	0.60	2.4	2.8	19.5	15	13.8	300/500
1.5	30 x 0.25	0.7	2.8	3.4	13.3	21.1	20	450/750
2.5	50 x 0.25	0.8	3.4	4.1	7.98	32.2	26.3	450/750
4	56 x 0.30	0.8	3.9	4.8	4.95	48.3	35	450/750
6	84 x 0.30	0.8	4.4	5.3	3.3	68.4	45	450/750
10	80 x 0.40	1	5.7	6.8	1.91	115.6	61.3	450/750
16	126 x 0.40	1	6.7	8.1	1.21	170.9	80	450/750
25	196 x 0.40	1.2	8.4	10.2	0.78	266.3	102	450/750
35	276 x 0.40	1.2	9.7	11.7	0.554	362	126	450/750
50	396 x 0.40	1.4	11.5	13.9	0.386	517.6	168	450/750
70	360 x 0.50	1.4	13.2	16	0.272	718.6	210	450/750
95	475 x 0.50	1.6	15.1	18.2	0.206	945	252	450/750

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