

Inflexible Solid & Stranded Conductor HFFR (halogen free fire resistant)

Standard: BS 7627

Temperature rating : 90 °c

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

Construction: Copper conductor class1 or 2

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
0.5	1x0.80	0.6	1.9	2.3	8.5	36	7.5	300/500
0.75	1x0.97	0.6	2.1	2.5	11	24.5	12	300/500
1	1x1.13	0.6	2.2	2.7	14	18.1	14	300/500
1.5	1x1.38	0.7	2.6	3.2	13.3	20	19	450/750
2.5	1 x 1.78	0.8	3.2	3.9	7.41	31	25	450/750
2.5	7 x 0.67	0.8	3.3	4	7.41	33	25	450/750
4	1 x 2.25	0.8	3.6	4.4	4.61	46	33	450/750
4	7 x 0.85	0.8	3.8	4.6	4.61	48	33	450/750
6	1 x 2.76	0.8	4.1	5.0	3.08	67	42	450/750
6	7 x 1.04	0.8	4.3	5.2	3.08	70	42	450/750
10	1 x 3.57	1	5.3	6.4	1.83	110	58	450/750
10	7 x 1.35	1	5.6	6.7	1.83	113	58	450/750
16	7 x 1.70	1	6.4	7.6	1.15	180	78	450/750
16	7x1.70	1	6.4	7.6	1.15	180	65	450/750
25	7 x 2.14	1.2	8.1	9.7	0.727	278	105	450/750
35	7 x 2.52	1.2	9.0	10.9	0.524	380	132	450/750
50	19 x 1.78	1.4	10.6	12.8	0.387	510	-	450/750
70	19 x 2.14	1.4	12.1	14.6	0.268	720	-	450/750
95	19 x 2.52	1.6	14.1	17.1	0.193	985	-	450/750

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