



TECHNICAL DATA SHEET

Fire Survival Cables as Per BS 7629-1, BS EN 50200

Construction Detail:

No of cores & Nominal Cross sectional Area (mm ²)	No. of strand / Strand dia. (mm)	Nominal Overall dia (mm)
2 X 1.5	7/0.53	10.0
2 X 2.5	7/0.67	11.5
3 X 1.5	7/0.53	10.8
3 X 2.5	7/0.67	12.3
4 X 1.5	7/0.53	12.0
4 X 2.5	7/0.67	13.5

Electrical Properties

No of cores & Nominal Cross sectional Area (mm ²)	Max. conductor resistance at 20°C (Ω/km)	Current Rating(A)		Voltage drop DC or single Phase AC (mV/A/m)
		DC or single-phase AC enclosed	DC or single-phase AC clipped	
2 X 1.5	12.1	17.5	20.0	29
2 X 2.5	7.41	24.0	27.0	18
3 X 1.5	12.1	17.5	20.0	29
3 X 2.5	7.41	24.0	27.0	18
4 X 1.5	12.1	17.5	20.0	29
4 X 2.5	7.41	24.0	27.0	18

Dimension of Cable as per BS 7629

Number of Cores	Nominal Conductor Area mm ²	Conductor construction	Min Insulation thickness (mm)	Nominal Overall dia. (mm)	Min Bending Radius (fixed bend) mm
2	1.0	1/1.13	0.6	7.0	50
2	1.5	1/1.38	0.7	7.9	50
2	2.5	1/1.78	0.8	7.9	60
3	1.0	1/1.13	0.6	7.3	50
3	1.5	1/1.38	0.7	8.3	50
3	2.5	1/1.78	0.8	9.9	60
4	1.0	1/1.13	0.6	8.2	60
4	1.5	1/1.38	0.7	9.5	60
4	2.5	1/1.78	0.8	11.3	70
7	1.0	1/1.13	0.6	10.5	70
12	1.0	1/1.13	0.6	13.5	80
19	1.0	1/1.13	0.6	15.7	90
7	1.5	1/1.38	0.7	12.2	70
12	1.5	1/1.38	0.7	15.2	100
19	1.5	1/1.38	0.7	18.2	100
7	2.5	1/1.78	0.8	14.6	90
12	2.5	1/1.78	0.8	19.5	120

We are just a call away to answer all your queries!

G.K. ENTERPRISES PRIVATE LIMITED

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19	2.5	1/1.78	0.8	22.8	140
Stranded Conductor					
2	1.5	7/0.53	0.7	8.4	60
2	2.5	7/0.67	0.8	9.7	60
2	4.0	7/0.85	0.8	11.1	70
3	1.5	7/0.53	0.7	8.9	60
3	2.5	7/0.67	0.8	10.6	70
3	4.0	7/0.85	0.8	12.2	80
4	1.5	7/0.53	0.7	10.2	70
4	2.5	7/0.67	0.8	12.3	80
4	4.0	7/0.85	0.8	13.8	90
7	1.5	7/0.53	0.7	12.9	80
7	2.5	7/0.67	0.8	15.0	90
12	1.5	7/0.53	0.7	16.7	110
12	2.5	7/0.67	0.8	19.8	120
19	1.5	7/0.53	0.7	19.4	120
19	2.5	7/0.67	0.8	23.1	140

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