

FRC Unarmoured 300 / 500 V

(Annealed Copper Conductor, Mica glass FR tape, XPLE LSH Insulated, PVC FR / LSH Sheated)



SPECIAL CABLE

TECHNICAL DATA



Voltage Rating : 300 / 500 Volt



Specification :
 Circuit Integrity : BS 6387
 Flame Propagation : IEC 60332, BS 4066
 Acid gas emission : IEC 60754, BS 6425
 Smoke emission : IEC 61034, BS 7622



Operating Temperature : -40 C to 90 C



used for surface wiring where there is little risk of mechanical damage, in installations where a fire situation may pose a major hazard.

DIMENSIONAL DATA

Number of Cores	Nominal Area of Conductor	No/Diameter of wires	Nominal Thickness		Approx. overall diameter	Approx. Weight
			Insulation	Sheath		
	mm ²	No/mm	mm	mm	mm	kg/km
Single	0.75	7/0.37	0.55	0.5	4.1	22
	1	7/0.44	0.55	0.5	4.3	26
	1.5	7/0.53	0.55	0.5	4.6	32
	2.5	7/0.67	0.55	0.5	5.0	43
	4	7/0.85	0.55	0.5	5.6	60
2	0.75	7/0.37	0.55	0.5	7.0	64
	1	7/0.44	0.55	0.5	7.4	74
	1.5	7/0.53	0.55	0.5	8.0	92
	2.5	7/0.67	0.55	0.5	8.8	120
	4	7/0.85	0.55	0.5	9.9	165
3	0.75	7/0.37	0.55	0.5	7.5	75
	1	7/0.44	0.55	0.5	7.9	88
	1.5	7/0.53	0.55	0.5	8.5	110
	2.5	7/0.67	0.55	0.5	9.4	150
	4	7/0.85	0.55	0.5	10.6	205
4	0.75	7/0.37	0.55	0.5	8.3	90
	1	7/0.44	0.55	0.5	8.7	105
	1.5	7/0.53	0.55	0.5	9.4	135
	2.5	7/0.67	0.55	0.5	10.4	180
	4	7/0.85	0.55	0.5	11.7	225