

FRC Unarmoured 600 / 1000 V - Single Core

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



SPECIAL CABLE

TECHNICAL DATA



Voltage Rating : 600 / 1000 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

Nominal Area of Conductor	Nominal Thickness		Approx. overall diameter	Approx. Weight
	Insulation	Sheath		
mm ²	mm	mm	mm	kg/km
1.5	0.7	1.4	6.4	55
2.5	0.7	1.4	6.8	70
4	0.7	1.4	7.4	90
6	0.7	1.4	7.9	110
10	0.7	1.4	8.9	160
16	0.7	1.4	9.9	220
25	0.9	1.4	12.2	330
35	0.9	1.4	13.5	430
50	1.0	1.4	15.0	560
70	1.1	1.4	17.0	770
95	1.1	1.5	19.0	1040
120	1.2	1.5	20.8	1290
150	1.4	1.6	23.0	1580
185.0	1.6	1.6	25.3	1950
240.0	1.7	1.7	28.3	2530
300.0	1.8	1.8	31.0	3140
400.0	2.0	1.9	34.7	3970
500.0	2.2	2.0	38.5	4970
630.0	2.4	2.2	43.5	6400
800.0	2.6	2.3	48.0	8000
1000.0	2.8	2.4	53.2	10200