

## FIRE RESISTANT CABLES (FR) (NON-ARMOURED)


**1 Core**

- Cu / MICA / XLPE / PVC-FR
- Cu / MICA / XLPE / LSHF
- Cu / MICA / XL-LSHF / LSHF (FR MI)

Nominal cross-sectional area	Construction, number/wire diameter	Thickness of insulation	Thickness of sheath	Approx. overall diameter	Approx. net weight
sq.mm	No./mm	mm	mm	mm	kg/km
<b>600 / 1000 V</b>					
1.5	7/0.53	0.7	1.4	6.6	54
2.5	7/0.67	0.7	1.4	7.0	68
4	7/0.85	0.7	1.4	7.5	85
6	7/1.04	0.7	1.4	8.2	110
10	7/1.35	0.7	1.4	9.0	174
16	7/1.70	0.7	1.4	10.0	230
25	7/2.14	0.9	1.4	11.5	320
35	19/1.53	0.9	1.4	12.6	420
50	19/1.78	1.0	1.4	13.8	547
70	19/2.14	1.1	1.4	15.7	760
95	19/2.52	1.1	1.5	17.4	1030
120	37/2.03	1.2	1.5	19.7	1280
150	37/2.25	1.4	1.6	21.7	1560
185	37/2.52	1.6	1.6	23.9	1980
240	61/2.25	1.7	1.7	26.6	2560
300	61/2.52	1.8	1.8	29.2	3180
400	61/2.85	2.0	1.9	32.9	4040
500	61/3.20	2.2	2.0	36.6	5060
630	61/3.63	2.4	2.2	41.2	6560


**2 Cores**

- Cu / MICA / XLPE / PVC-FR
- Cu / MICA / XLPE / LSHF
- Cu / MICA / XL-LSHF / LSHF (FR MI)

Nominal cross-sectional area	Construction, number/wire diameter	Thickness of insulation	Thickness of sheath	Approx. overall diameter	Approx. net weight
sq.mm	No./mm	mm	mm	mm	kg/km
<b>600 / 1000 V</b>					
1.5	7/0.53	0.7	1.8	11.2	176
2.5	7/0.67	0.7	1.8	12.0	210
4	7/0.85	0.7	1.8	13.0	263
6	7/1.04	0.7	1.8	14.4	329
10	7/1.35	0.7	1.8	16.0	410
16	7/1.70	0.7	1.8	18.0	570
25	7/2.14	0.9	1.8	21.0	831
35	19/1.53	0.9	1.8	23.2	1082
50	19/1.78	1.0	1.8	25.6	1399
70	19/2.14	1.1	1.8	29.5	1908
95	19/2.52	1.1	2.0	32.8	2570
120	37/2.03	1.2	2.1	37.6	3179
150	37/2.25	1.4	2.2	41.4	3878
185	37/2.52	1.6	2.3	46.0	4808
240	61/2.25	1.7	2.5	51.4	6220
300	61/2.52	1.8	2.7	56.6	7679
400	61/2.85	2.0	2.9	64.0	9768