



## CONSTRUCTION

- 1 Conductor:** Bare electrolytic copper, soft annealed, stranded with compact circular section, class 2.
- 2 Insulation:** Thermoplastic compound (PVC) flame-retardant – 70°C.

## IDENTIFICATION

**Flame Retardant Cable** is normally produced in black, green and light blue colors.

## APPLICATION

The **Flame Retardant Cable** is recommended for fixed installations in *civil* construction for voltages up to 750V. It is normally installed embedded in conduits or cable trays and has the property of not allowing flame propagation.

## PACKAGING

**Up to 16 mm<sup>2</sup>:** 100 m coils.  
**Above 16 mm<sup>2</sup>:** supplied on wooden reels according to customer requested lengths.

## STANDARDS

**NBR NM 247** – PVC insulated cables for rated voltages up to 450/750V.

## FLAME RETARDANT CABLE 750V

Reference	Conductor		Insulation		Total weight (kg/km)
	Nominal cross-section (mm <sup>2</sup> )	Nominal Diameter (mm)	Nominal thickness (mm)	Nominal external diameter (mm)	
1100.01.011	6	3,10 RN	0,8	4,7	70
1100.01.012	10	3,80 RC	1,0	5,8	112
1100.01.013	16	4,80 RC	1,0	6,8	162
1100.01.014	25	6,00 RC	1,2	8,4	256
1100.01.015	35	7,75 RC	1,2	9,2	349
1100.01.016	50	8,10 RC	1,4	10,9	473
1100.01.017	70	9,55 RC	1,4	12,4	673
1100.01.018	95	11,30 RC	1,6	14,5	907
1100.01.019	120	12,70 RC	1,6	15,9	1.130
1100.01.020	150	13,80 RC	1,8	17,4	1.395
1100.01.021	185	15,50 RC	2,0	19,5	1.740
1100.01.022	240	18,00 RC	2,2	22,4	2.280
1100.01.023	300	20,50 RC	2,4	25,3	2.860
1100.01.024	400	25,30 RN	2,6	30,5	3.820
1100.01.025	500	28,60 RN	2,8	34,2	4.860

**RN:** Normal Round  
**RC:** Compacted Round