

## POWER CABLE 90C 1KV – NBR 7286 – (Brazilian Standart)



### Application

These cables are recommended for use in supply chains and distribution substations, commercial and industrial facilities, outdoor or underground, in wet or dry and similar applications of any kind.

### Technical Characteristic

Consists of four copper conductors (NBR NM 280, similar to IEC 60228) class stringing 4 or 5 in EPR insulated and PVC covering.

### Temperatura Class

90°C

### Insulation Voltage

0,6/1kV

### Identification:

Multipolar cables

2 conductors: black and light blue

3 conductors: black, white and light blue

4 conductors: black, white, red and light blue.

4 conductors: black, red, light blue and green (With a green conductor on request)

### Norms Used (Brazilian standard)

NBR 7286 – Power cables with extruded ethylene propylene rubber insulation (HEPR) for rated voltages from 1 kV up to 35 kV - Performance requirements.

### Dimensional characteristic

Number of Conductors	Conductor		Thickness		Diameter Maximum (mm)	Nominal Net Weight (kg/Km)	
	Nominal Section (mm <sup>2</sup> )	Diameter Conductor (mm)	Isolation (mm)	Coverage (mm)			
4	4,00	2,43	0,7	1,1	12,53	230	
	6,00	2,99		1,2	14,24	320	
	10,00	3,92			1,3	18,03	496
	16,00	5,4				21,19	890
	35,00	7,9	0,9	1,5	31,41	1895	

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