

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 ²)	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	

IEWC • Products are subject to manufacturer tolerances and availability. For more information, contact your IEWC sales representative or visit us at www.iewc.com.

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