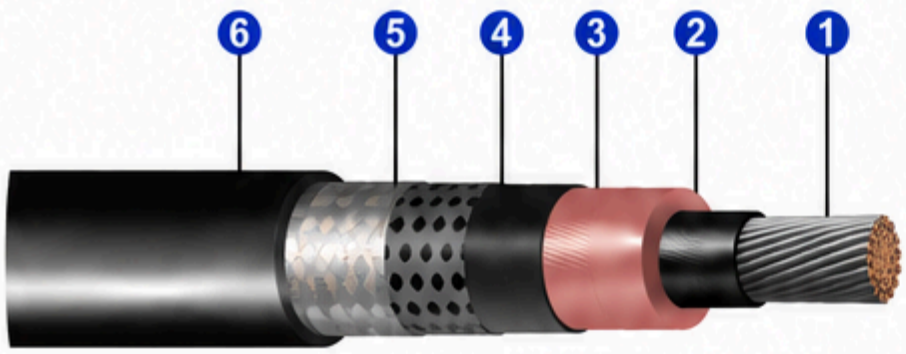
CABLE EPROFLEX JUMPER 90 8.7/15 kV

JUMPER CABLES FOR SUBSTATIONS



CONSTRUCTION

1. **Conductor:** Tinned electrolytic copper conductor, soft temper, flexible stranded: Class 5.
2. **Conductor Shield:** Semi-conducting thermoset compound.
3. **Insulation:** High modulus HEPR thermoset compound for maximum conductor operating temperature of 90 °C, overload 130 °C and short-circuit 250 °C.
4. **Insulation Shield:** Semi-conducting thermoset compound easy to remove when cold.
5. **Metallic Shield:** Tinned copper wire braid, with minimum 85 % coverage*.
6. **Outer Sheath:** Polyurethane thermoplastic compound with excellent resistance to abrasion, tearing, moisture and excellent flexibility.

IDENTIFICATION

Outer sheath color: black.

APPLICATION

The Eproflex Jumper 90 cable is used to maintain the continuity of power supply in substations during maintenance, equipment replacement, substation layout modifications, connection of emergency generators or performance of any other activity that would require interruption of the circuit.

PACKAGING

Wooden drums.

STANDARDS

Eproflex Jumper 90 cable meets the requirements of **ABNT NBR 7286** – Power cables with extruded ethylene propylene rubber insulation (EPR, HEPR or EPR 105) for rated voltages from 1 kV to 35 kV – Performance requirements, where applicable.

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CONDUCTOR		INSULATION		OUTER SHEATH		TOTAL WEIGHT (kg/km)
NOMINAL CROSS SECTION (mm^2)	NOMINAL DIAMETER (mm)	NOMINAL THICKNESS (mm)	NOMINAL DIAMETER (mm)	NOMINAL THICKNESS (mm)	NOMINAL DIAMETER (mm)	
25	6,2	4,5	17,6	2	24,2	822
35	7,35		18,4		24,9	922
50	8,8		19,8		26,5	1.132
70	10,4		21,4		28,1	1.356
95	12,1		23,1		29,6	1.573
120	13,8		24,8		31,4	1.903

Nominal values, subject to manufacturing tolerance.

* Metallic shield cross section upon request.