



U-1000 AR2V TORSADÉ

Power cable 0,6/1 kV with Al conductors, XLPE insulated and PVC sheathed

APPLICATION

In earth, ducts, on support brackets, in dry and wet conditions etc., where one does not expect mechanical damages and the cables are not exposed to the mechanical tensile strain. In urban networks, industrial plants, electric power plants and other electricity consumers and for connection of control devices in industry, traffic etc.

TECHNICAL CHARACTERISTICS

CPR class: Eca
 Test voltage: 4 Kv
 Rated voltage: 0,6/1 kV
 Bending radius (min): multi-core- 12D;
 Min. laying temperature: -5°C
 Max. working temperature: 90°C
 Max. short-circuit temperature: 250°C

CONSTRUCTION

Conductors: Al, class 2 according to EN 60228
 Insulation: : XLPE compound
 Sheath: PVC compound

STANDARD

NF C32-321, IEC 60502-1

CORE IDENTIFICATION

According to colors:

Phase 1: ● Black
 Phase 2: ● Black + ■ Brown strip
 Phase 3: ● Black + ■ Grey strip
 Neutral: ● Black + ■ Blue strip

CERTIFICATION



NOMINAL CROSS-SECTION	CONDUCTOR CONSTRUCTION	MAX. RESISTANCE AT 20°C	CURRENT CAPACITY IN AIR	CURRENT CAPACITY IN EARTH	OUTER DIAM. (APPROX.)	METAL WEIGHT	CABLE WEIGHT (APPROX.)
mm ²		Ω/km	A	A	mm	kg/km	kg/km
4x1x50	RM	0,641	154	160	30,9	580	992
4x1x70	RM	0,443	198	197	34,8	812	1297
4x1x95	RM	0,320	241	234	39,4	1104	1681
4x1x120	RM	0,253	280	266	43,0	1392	2052
4x1x150	RM	0,206	324	300	47,8	1740	2548
4x1x185	RM	0,164	371	337	52,4	2140	3080
4x1x240	RM	0,125	439	388	58,7	2784	3904
4x1x300	RM	0,1000	508	440	64,5	3480	4789
4x1x400	RM	0,0778	643	525	73,4	4640	6255

