



## EA2XY

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

Test voltage: 4 kV  
 Rated voltage: 0,6/1 kV  
 Bending radius (min): single-core- 15D;  
 multicore- 12D  
 Min. laying temperature: -5°C  
 Max. conductor temperature: 90°C  
 Max. short-circuit temperature: 250°C

### CONSTRUCTION

**Conductors:** Al, class 1 (RE/SE) or class 2 (RM/SM) according to EN 60228  
**Insulation:** XLPE compound DIX 1  
**Bedding:** Extruded elastomere or plastomere compound or plastic tape  
**Sheath:** PVC compound DMV 1

### STANDARD

ÖVE E8200-603, HD 603 S1

### CORE IDENTIFICATION

According to HD 308 S2

Insulation Color:

4-core (a): ● Green/Yellow ● Brown ● Black ● Grey  
 4-core (b): ● Blue ● Brown ● Black ● Grey

Outer Sheath Colour:

● Black

*Other colours available on request*

### CERTIFICATION



International  
 Electrotechnical  
 Commission



## FOUR- CORE CABLES:

NOMINAL CROSS-SECTION	CONDUCTOR SHAPE	NOM. THICKNESS OF INSUL.	MAX. RESISTANCE AT 20°C	CURRENT CAPACITY IN AIR	CURRENT CAPACITY IN EARTH	SHORT CIRCUIT CAPACITY, 1S	THERMAL TIME CONSTANT	OUTER DIAM. (APPROX.)	CABLE WEIGHT (APPROX.)
mm <sup>2</sup>		mm	Ω/km	A	A	kA	min	mm	kg/km
4x35	RE/RM	0,9	0,868	126	135	3,3	10	28,9	1055
4x35	SM	0,9	0,868	126	135	3,3	10	25,9	690

