



Installation recommendations

The following installation recommendations are in accordance with IEC regulations and practice.

Different regulations may apply in other countries.

Minimum cable bending radius.

Cables for rated voltages up to 0,6/1 kV, in accordance with IEC 60092-352.

Outer diameter of cable	Minimum bending radius when fixed installed		Minimum bending radius during installation
	Unbraided cables	Braided cables	
D < 25mm	4D	6D	8D
D > 25mm	6D	6D	8D

Medium voltage cables up to and including 12/20(24) kV:

Minimum bending radius during installation:	15D
Minimum bending radius when fixed installed:	9D

Installation temperature.

Minimum recommended installation temperature for cables of rated voltage up to 20 kV, such as:

RFOU – BFOU – RU – BU -20°C

Pulling tension.

The cable pulling tension during installation can be estimated by means of the following formula:

$$p = 50 \text{ N} \times \text{total cross section of conductors in the armoured cable}$$

or

$$p = 25 \text{ N} \times \text{total cross section of conductors in the unarmoured cable}$$

Additional tension will be supplied from the braid and the insulation and sheathing compound.