



Application

Cable is intended for electric power transmission and high-frequency communication in the equipment under the condition of non-stationary laying.

Climatic version is W.

Rated electrical resistance:

of coaxial pair — 2000 V of direct current; of screened service conductors — 220 V of alternating current of frequency up to 400 Hz or 380 V of direct current.

Design

The cable is composed of coaxial pair with nominal cross-section of the inner conductor $0,35\text{mm}^2$, six service screened conductors of nominal cross-section $0,35\text{mm}^2$, two service screened conductors of nominal cross-section $0,75\text{mm}^2$.

Current-carrying conductors

Of copper wires: $0,35\text{mm}^2$ in cross-section — 4th class; $0,75\text{mm}^2$ in cross-section — 2nd class.

Insulation

Low-density polyethylene.

Outer conductor of the coaxial pair, service conductor screen

Copper wires.

Sheath of the coaxial pair and service conductors

Low-density polyethylene..

Sheath

PVC compound.

The spaces between the structural elements are filled with sealed compound.

Performance specification

Electrical resistance of insulation counted to the 1 km of length and temperature of 20°C , megaohm, not more than:

- of coaxial pairs — 10000;
- of service conductors — 10000.

Wave impedance of coaxial pair is 75 Ohm. Cables are resistant to the external hydrostatic pressure up to 65 Mpa.

Cable is resistant to the corrosive atm: turbine, industrial and diesel oils.

Cable works in the sea water under the temperature from -4°C to $+35^\circ\text{C}$.

Minimal service life of the cable is 12 years.

Factory length of the cable is not less than 20 m.

Nominal outer diameter of cable is 19,9 mm.

Estimated weight of 1 km of cable is 480 kg.