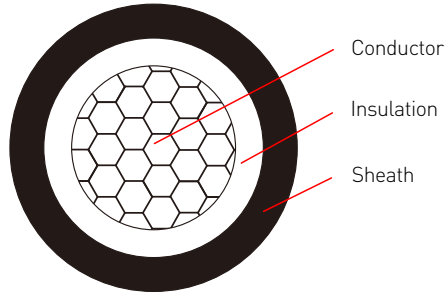


FD-YJLHBY AL/XLPE/PVC

XLPE insulated aluminum alloy conductor power cable for wind tower

Standards: IEC 60502-1



Technical data

Temperature range:

Maximum conductor temperature in normal use: 90°C

Lowest ambient temperature in normal use: -40°C

Minimum installation temperature (cable): 0°C

Maximum conductor temperature at short circuit of 5s: 250°C

Rated voltage: 0.6/1kV

Minimal bending radius:

During installation: 7D

D is outer diameter of cable.

Construction

1. Conductor: Class 2, Aluminum alloy conductor according to IEC 60228.

2. Insulation: XLPE compound according to IEC 60502-1.

3. Sheath: PVC compound ST2 according to IEC 60502-1.

Sheath color: Black.

Identification

Number of cores	IEC 60502-1
1	Natural

Application

The cable is connected with the switching equipment in the base of tower and the switching equipment on the top platform of tower, fixed installed and transmission power.

Secondary transmission parameter

No. of cores × Cross section area	Nominal thickness of insulation	Nominal thickness of sheath	Approx. diameter of cable	Approx. weight of cable
mm ²	mm	mm	mm	kg/km
1×240	1.7	1.8	25.6	943
1×300	1.8	1.8	28.0	1142
1×400	2.0	2.0	31.6	1457