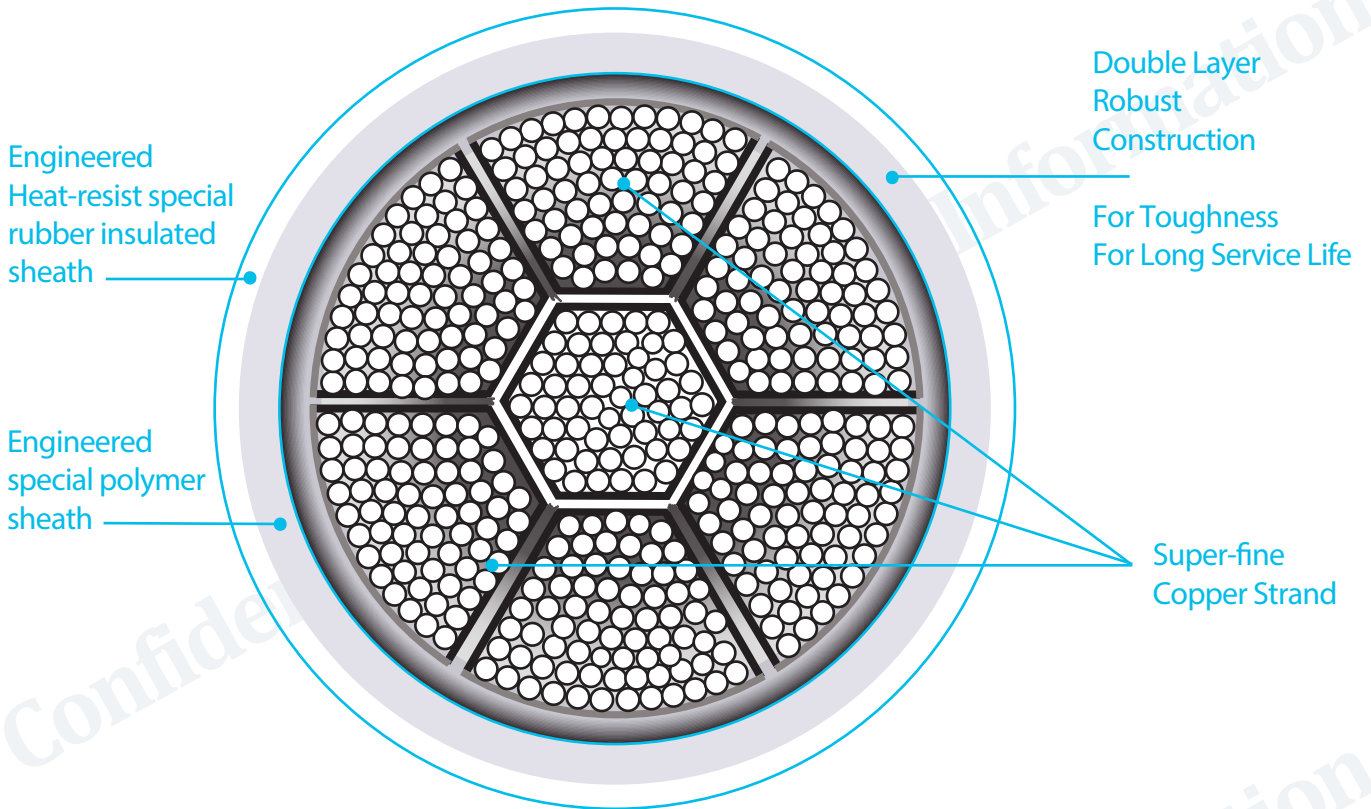


6KBT Series: High Flex Special Polymer Wire 6kV

P&D Part no. **6KBTA00030MF001**

HIGH FLEXIBILITY



Cable Function:

The 6KBT Series is specially designed for highly flexible laying in electrical facilities rail vehicles, buses and electrical testing equipments. It is designed for fixed laying and flexible applications without tensile stress and without defined cable routing. Suitable for use in dry, and humid rooms.

The conductor is made up of super-finely stranded electrolytic copper wires.

To realize its high current carrying capacity, special polymer materials are used as insulators.

The engineered special polymer sheath is acc. DIN VDE 0250-602. It is resistant to common chemical acid and bases, while still keeping the flexible characteristic of the cable intact.

The cable wire also manufactured acc. to RoHS compliance.

Note:

All indications on this data sheet have been made to the best of our knowledge. They are only a non-binding advice and serve as a starting point for plannings. They don't release the user from own tests regarding the suitability of the desired application purposes. Processing and the use of the products cannot be controlled by us and are therefore exclusively in your field of responsibility. The design is subject to alteration if new realization will make it necessary.

Date of issue / modification: 09.2020

Cable Construction:

Cable Dimension: 300MCM single conductor
 Conductor Material: Super-fine tinned cu strand construction acc. to DIN VDE 0295 cl. 5 and IEC 60228 cl.5

Sheath Color: Black

Sheath Material: Engineered heat-resist sheath
 Abrasion protection sheath.
 Oil-resistant sheath.

Technical Data:

Rated Voltage: Uo/U 3.6/ 6kV

Conductor Temp: Up to 90°C

Flame Retardant: acc. IEC60332-1