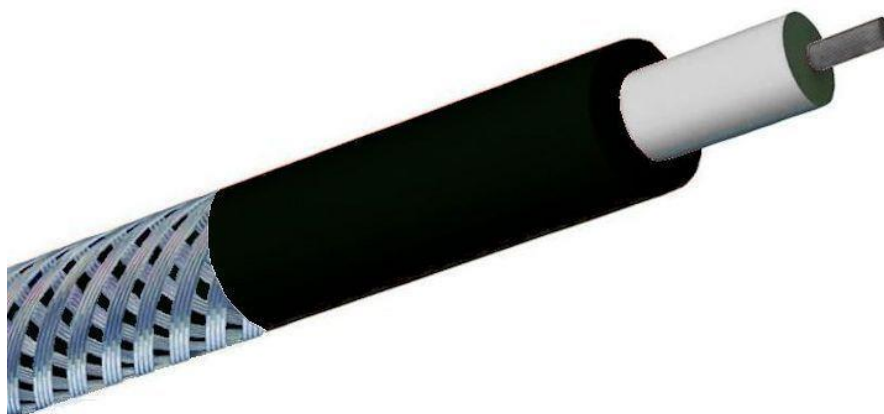




## K-SOLAR PV 20 TUV PLUS

**Description :** Flexible solar cable for photovoltaic installations 0,6/1KV, UV resistant with galvanized steel wires braiding.

**Design:**



**Construction :** Flexible tinned copper conductors according to CEI 20-29 Class 5 and DIN-VDE 0295 K5  
Cross-linked elastomer compound type **G21** according to encl. A IMQ-CPT-065  
Cross-linked polyolefin compound type **M21** according to encl. B IMQ-CPT-065  
4Galvanized steel wires braiding with coverage of 85%±3%

**Manufacturing's Controls:** Test and Control according to our certificated **ISO 9001-2015 CSQ-IMQ (EQ-NET)** Quality System procedure.

Labor tests reports are stored in our internal Q.C. laboratory archive together with the production reports

**Norms :**

According to the low voltage directive BT 73/23 CEE e 93/68 CEE

According to the Norm IEC 20-91

In derogation with the standard IMQ CPT 065

According to the standard TÜV 2 Pfg 1169/08.2007

Thermal endurance according with EN 60216-1 2

Self-extinguish according with IEC 332.1 2

Halogen Free according with CEI EN 50267-2-1

The cable is conform to Low Voltage Directive (LVD) 2014/35/EU CE

**Technical dates :**

- Max voltage : 600/1000 V
- Spark Test voltage : 6.500 V
- Max working ambient temperature: -40° to +90°C
- Max temperature on the conductor -40° to +120°C
- Minimum bending radius For permanent approx. 5 x Ø

**Use :** This cable can be used for photo-voltaic systems. The cable is UV radiation resistant and can be used to connect individual solar cells. This cable can be used outdoor but not directly buried in the ground or laid in water. The steel wires braiding protect the cable against termites and rats