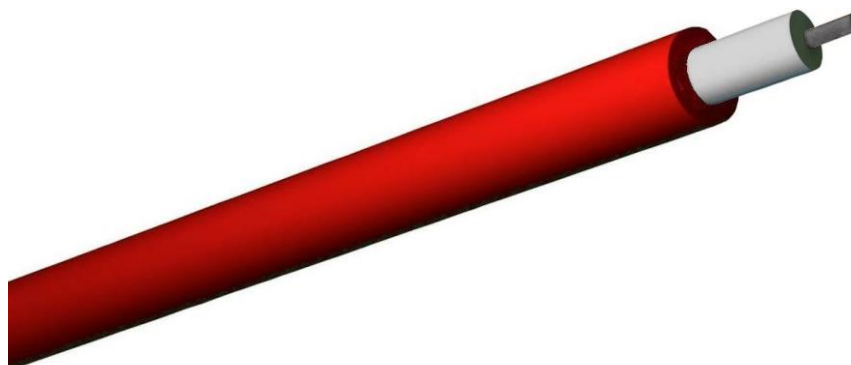




## K-SOLAR FG21M21

**Description :** Flexible solar cable for photovoltaic installations 0,6/1KV, UV resistant.

**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 and TÜV 2 Pfg 1169/08.2007.  
Cross-linked polyolefin compound type **M21** according to encl. B IMQ-CPT-065 and TÜV 2 Pfg 1169/08.2007.

**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  
According to 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. It's guaranteed for 25 years use and it's suitable as: For the cabling between the solar modules and as an extension cable between the individual module strings or DC/AC inverter. Gable and flat roof photovoltaic systems. Photovoltaic plants and solar parks. For the cabling of flexible or building- integrated photovoltaic systems