



K-SOLAR TWIN XX

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

Design:



Construction : Flexible tinned copper conductors according to CEI 20-29 Class 5, DIN-VDE 0295 K5 and IEC 60228 Cl. 5
 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 : In derogation 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 :

- Rated voltage : AC U0/U 0,6/1 kV
 DC 1,8 kV (conductor-conductor, non-earthed system, circuit not under load).
- 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.