

THE WORLD OF LAPP

CAMUNA CAVI
EXTREME SERIES CABLES



CAMUNA CAVI



LAPP GROUP

MUD

NEK TS 606:2016
Mud resistance



Cable Features & Applications:

Instrumentation, Control & LV Power cables jacketed with LSZH Compound Type SHF2 IEC 60092-360, it is particularly suggested for applications in harsh environments, where superior performances as for contact with organic fluids are required:

- Resistance to **Oils IRM 902 and 903** for **7 days @ 100°C**
- Resistance to **Calcium Bromide** for **56 days @ 70°C**



Additional requirement NEK TS 606 2016 version

- Resistance to **Oil EDC 95-11** for **56 days @ 70°C**

GAS TIGHT

IEC 60079-14 ANNEX E
Restricted breathing cables



Cable Features & Applications:

The new **Gas Tight** Instrumentation, Control & LV Power cables designed for and installed in **explosive** atmospheres and **hazardous** locations. **It prevents** gas and vapor migration through the interstices between individual cable cores.

Camuna Cavi can provide in-house testing solution and **test report Certificate** of our “gas tight” multi-conductors, multi-pairs and multi-triads cables according to IEC standard Annex E.



DESERT

ISO 4892-2
Weathering resistance

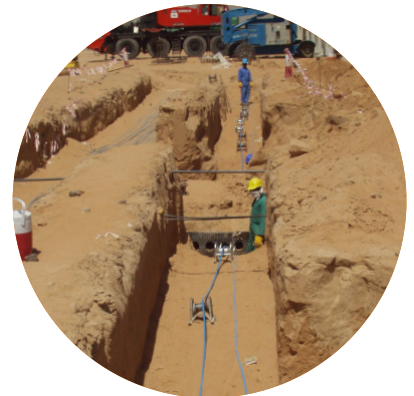


Cable Features & Applications:

Instrumentation, Control & LV Power cables are in compliance with the **Weathering test** mentioned in ISO 4892-2 (720 h @ method A) Strong jacket suitable for **installation in desert locations** having good performance of **Tear resistance** as per BS 6469 section 99.1.

Reproduction of the weathering effects (temperature, humidity and/or wetting) that occur when materials are exposed in actual end-use environments to daylight.

Severe field test performance simulation with SWA armored cables bended below the typical bending radius carried out in **desert locations**



POLAR

IEC 60811 - Cold bend, impact
and elongation down to -60 °C



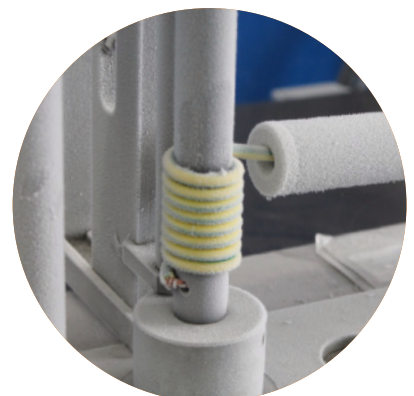
Cable Features & Applications:

The new **Polar grade** Instrumentation, Control & LV Power cables meet the requirements to operate in **extremely cold climate conditions** like Arctic regions.

Cold bending test as per IEC 60811-504@-60°C

Cold elongation test as per IEC 60811-505@-60°C

Cold impact test as per IEC 60811-506@-60°C





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