

Fiber Optic Cable resistant to hard conditions BruggCables



CYMSOFT is Turkey representative of Brugg Cables company in Switzerland. Brugg Cables products in Turkey market are listed below;

- Military fiberoptic cables and cable equipment in the MIL standards,
- Sensor fiberoptic cables,
- Communication fiberoptic cables used in the industrial area,
- Hybrid fiber optic cables capable of carrying AC/DC + Data at the same time.

Military Fiber Optic Cable Solutions

Brugg Cables is capable of meeting all the requirements of the tactical scene with military-purpose cables produced under NATO standards. The products are;

- Steel shielded fiber optic cables,
- Fiberoptic cabling for soft tactic area in MIL standards,
- Provides very specific solutions in military communication systems with AC/DC + Data hybrid cables in MIL standards.

The tactical scene requirements;

- Extraordinary solutions in cable reels,
- Rollers with converting ability and
- Cable-to-connector components that can be modified to suit the requirements.

In addition, all layers of cable communication are supported with active devices for tactical area found in our product range.

Industrial Fiber Optic Cable Solutions

CYMSOFT, becoming Brugg Cables' representative in the Turkish market provides solutions for all of industrial size cable products, which are;

Especially;

- Hybrid cable solutions (Copper-Fiber, AC/DC + Data),
- The cables that submarine projects need,
- Armored cables,
- Communication/sensor fiber cables traveling in high voltage lines,
- Group of products that will support the owners in all projects with the exceptional solution such as fiber optic cables that are resistant to over-stretching at far distances.

Sensor Fiber Optic Cable Solutions

Fibre-optic sensing cable systems permit the reliable, continuous and end-to-end measurement of expansion, temperature, acoustics/vibration, pressure, humidity and intrusion in all kinds of application.

In sensing technology, intelligent passive sensing systems have begun to take the place of classical active sensing devices. The most advanced technology in this area is acoustic sensing via fiber optic cables. With laser pulses on sensor-capable fiber optic cables;

- Vibration,
- Audio pitches,
- Heat exchanges and
- Variations of stress in the environment can be perceived from the distance with the speed of light and a distance of 1 meter margin of error and intelligent detection and recognition ability can be gained with software support.