Prysmian Group: BU Multimedia Solutions presents new CPR fire protection cable with low toxic smoke and gas emission

**Draka UCHOME Cat.7: Improved fire protection for safe smart living**

**Cologne, 23rd June, 2020. The BU Multimedia Solutions (MMS) of the Prysmian Group now offers the Draka UCHOME Cat.7 SS26 S/FTP Cca, a new data cable for home cabling that meets all the requirements of the CPR fire protection class Cca s1a d1 a1, which is valid throughout Europe. It is characterized by very low smoke emission and release of corrosive gases, delayed heat release and reduced flame propagation, acid and droplet formation. The high fire resistance of the compact, space-optimized copper cable with a transmission speed of 10 Gbit/s ensures increased protection of life and limb in building fires.**

According to statistics, up to 400 people die in Germany every year in a house fire. Around 92 percent of these deaths are due to the effects of toxic gases or smoke - and not to the fire itself. People in burning houses have only about three minutes to safely leave the building. At the end of this period, the toxic smoke and gas development is so far advanced that a dense cloud of toxic fire gases prevents any view of escape routes. At the same time, it is increasingly difficult for rescue teams to intervene and evacuate the burning building.

"Since only a few minutes are left to clear a burning building, the fire dynamics and smoke development of the building materials are of decisive importance. These include, above all, cables and wires,” says Zoran Borcic, Product Manager Copper Cables, BU Multimedia Solutions of the Prysmian Group. The EN 50399 test standard for fire properties of cables defines precisely these criteria. Within the framework of the Construction Products Regulation (CPR), which applies throughout Europe, the standard includes a system for classifying construction products according to their fire behaviour.

"To increase the protection of people and animals against fire in residential buildings, we have equipped the Draka UCHOME Cat.7 copper cable with the best possible fire protection properties," continues Zoran Borcic. The new smart home cable meets all the requirements of the demanding fire protection class Cca s1a d1 a1. With its low smoke emission, delayed heat release, reduced flame propagation and low release of corrosive gases, it makes an important contribution to preventive fire protection.

The space-optimized DRAKA UCHOME Cat.7 SS26 S/FTP LSHF with a transmission speed of 10 Gbit/s offers more space in the conduit than standard cables and has a 30 percent smaller bending radius. The maximum installation length of the very light and pack-tight copper cable is 60 meters. Finally, it allows flexible use of space, requires no adapters and guarantees high performance (PoE).

+++ **Now NEW** +++

Our ‘Draka Cable Content Hub’ at www.draka-cable.com

Please feel free to visit it and learn more about our innovative fiber optic, coaxial and copper cables.

**Prysmian Group**

Prysmian Group is world leader in the energy and telecom cable systems industry. With almost 140 years of experience, sales of over €11 billion, about 29,000 employees in over 50 countries and 112 plants, the Group is strongly positioned in high-tech markets and offers the widest possible range of products, services, technologies and know-how. It operates in the businesses of underground and submarine cables and systems for power transmission and distribution, of special cables for applications in many different industries and of medium and low voltage cables for the construction and infrastructure sectors. For the telecommunications industry, the Group manufactures cables and accessories for voice, video and data transmission, offering a comprehensive range of optical fibres, optical and copper cables and connectivity systems. Prysmian is a public company, listed on the Italian Stock Exchange in the FTSE MIB index.

<http://www.prysmiangroup.com>

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