Prysmian Group: BU Multimedia Solutions expands UCHOME product family with fire-safe and packaging-optimized copper cable for indoor use

**New Draka UCHOME Cat.7A: High fire protection in 200 meter Reelex box**

**Cologne, Germany, April 14th 2021 - BU Multimedia Solutions (BU MMS) of Prysmian Group launches the new Draka UCHOME Cat.7A SS22 S/FTP LSHF-FR Dca s1 d1 a1 indoor installation cable in the convenient Reelex box. Designed for the needs of private homes, the box contains the ideal cable length of 200 meters. The highly shielded CPR fire protection class Dca s1 d1 a1 copper cable offers high fire safety with lowest smoke (s1) and acid development (a1) as well as minimized dripping (d1). It also enables best-in-class performance in Power over Ethernet (IEEE 802.3bt at 90 W) as well as 25 GBase-T applications with a maximum bridgeable transmission length of 30 meters. The Category 7A electrical characteristics comply with EN 50173 and 50288.**

Due to the ever-increasing requirements for multimedia applications, increasing work in the home office and the growing number of installed smart home systems, the demands on home cabling are rising. In the network cable Draka UCHOME Cat.7A SS22 S/FTP LSHF-FR Dca s1 d1 a1, users will find a future-proof and investment-proof solution with the highest cable standard. With four separately shielded (4P) pairs of wires within a common shield, the copper cable complies with the IEEE 802.3 standard and is suitable for high-speed Ethernet networks (PoE) of up to 10 gigabits. It also enables 25 GBase-T applications with a maximum bridgeable transmission length of 30 meters.

**Fast and secure installation with Reelex box**

For even easier and faster installation, BU Multimedia Solutions has changed the packaging of the Draka UCHOME Cat.7A SS22 cable from unwinding from the cable drum to a practical black and orange Reelex box. "From now on, the copper cable is available in environmentally friendly cardboard with 200 meters of cable length. This will benefit installers as well as customers and wholesalers," says Zoran Borcic, Product Manager Copper Cable, Multimedia Solutions BU, Prysmian Group. The compact packaging is advantageous for storage, installation and disposal. The cable can be easily and safely pulled out without twisting. Installation is faster and therefore more cost-effective. The reduced cable length and cardboard packaging makes the weight lighter, the box easier to handle and environmentally friendly to dispose of. "Over 95 percent of installations in private homes require a maximum of 200 meters of cable," Borcic said. "This means we have matched the size of the box to the need and sized it just right."

**Fire-proof and optimally shielded**

The UCHOME Cat.7A SS22 cable with an outer diameter of 7.6 millimeters achieves best-in-class performance in Power over Ethernet (IEEE 802.3bt with 90 W) due to its AWG value of 22. Compared to AWG23, the copper cable offers 58 percent less power dissipation and 50 percent less cable heating. Like all highly shielded Draka S/FTP installation and connection cables of categories 7, 7A and 8.2, the UCHOME Cat.7A SS22 guarantees triple-1 performance in terms of fire safety: in addition to the high fire protection of CPR class Dca, it offers lowest smoke (s1) and acid development (a1) and minimized dripping (d1). With optimum shielding in separation class "d", the copper cable meets the criteria required by EN50174-2 with regard to distances or the use of separators in cable routes and achieves the highest shielding class for coupling attenuation Type I and coupling resistance Grade 1 in each case. These properties ensure compliance with the statutory EMC regulations (EMC = electromagnetic compatibility) and guarantee the consistent protection of the Draka cable and the installed system.

**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. For more information please visit: [www.draka-cable.com](http://www.draka-cable.com)

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