Prysmian Group: BU Multimedia Solutions extends UC500 cable series by two products in the fire protection classes B2ca/Cca s1a d1 a1

**New Draka UC500 Cat.6A U/UTP cables: Higher fire protection with the same performance and manageability**

**Cologne/Germany, 10th December, 2020. BU Multimedia Solutions (MMS) of Prysmian Group now offers its Draka copper cable UC500 23 U/UTP Cat.6A Z1s in the CPR fire protection classes B2ca s1a d1 a1 and Cca s1a d1 a1. With this further development, users benefit from increased fire safety without having to accept any loss of performance or manageability. The patented discontinuous ZEBRA foil tape provides high-quality shielding against alien crosstalk.**

With the two cable models UC500 23 U/UTP Cat.6A Z1s B2ca s1a d1 a1 and Cca s1a d1 a1, BU Multimedia Solutions is launching very flexible, high-performance network cables with high fire resistance. These new fire-resistant cables meet all criteria of the demanding fire protection classes B2ca s1a d1 a1and Cca s1a d1 a1 with regard to smoke emission (s1a), droplet formation (d1) and acid content (a1). "We have invested considerable resources in the development of the new CPR cables. The result are high quality, fire-safe Cat.6A installation cables that are quick and easy to install while maintaining high data transfer rates," says Zoran Borcic, Product Manager Copper Cables, BU Multimedia Solutions, Prysmian Group.

**Trouble-free, fast and safe**

Draka UC500 23 U/UTP Cat.6A Z1s copper cables with AWG-23 copper conductor and four unshielded pairs are suitable for Power over Ethernet (PoE), type 1-4. Thanks to the patented ZEBRA foil technology (Zero Earth-loop By Reflectorfoil Application), the unshielded cable is able to completely suppress alien crosstalk. This proven Draka technology combines the advantages of shielded and unshielded cables. In accordance with the Cat.6A standard, the installation cables transmit data, voice, audio and video information at a speed of up to 10 Gbit/s and reach a maximum operating frequency of 500 MHz. Highly flexible, tight bending radii and the small outer diameter allow for easy cable installation. The halogen-free and flame-retardant protective sheath (LSHF-FR) ensures the highest level of fire protection in accordance with the EU Construction Products Directive (CPR).

**The cables deliver what they promise**

Several internal and external test laboratories tested both cable versions in numerous test runs for B2ca and Cca fire protection criteria. The very extensive test phase was successful: all randomly selected test specimens met the high requirements of the B2ca and Cca fire protection classes, with the necessary performance and ease of installation. As part of the test process, many other B2ca and Cca rated Cat.6A U/UTP cables from third party suppliers were tested. "The tests show how difficult it is to meet the necessary requirements for CPR fire rating, performance, alien crosstalk and manageability all at once. Only a few are currently able to do that," says Zoran Borcic. The Multimedia Solutions BU is one of them. Its AWG23 Cat.6A U/UTP B2ca and Cca copper cables guarantee all features in high quality, safety and reliability.

Please visit our **„**[**Draka Cable Content Hub**](https://www.draka-cable.com/?lang=en)**“** with lots of information about our innovative fibre 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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