Prysmian Group: BU Multimedia Solutions relies on proprietary extremely bend-insensitive BendBrightXS fibre technology in fibre optic data cables

**Draka BendBrightXS: Bending without breaking**

**Cologne, 28th April 2022 - Prysmian Group's Multimedia Solutions (MMS) BU is taking its leading role in the bend-insensitive fibre optic data cable market to another level. The BendBrightXS fibres feature extremely low micro bend sensitivity and minimal macro bend and kink losses at very small radii. MMS integrates BendBrightXS in its fibre optic cable ranges, which are used in a wide range of applications, such as access networks in densely populated urban areas, FTTH networks, office installations, data centres and 5G networks.**

**Extremely flexible, sustainable and space-saving**

Companies continue to face the challenge of coping with increasing data volumes and the growing need for transmission capacity, which requires more fibres than ever before. At the same time, cable density is increasing, and optical networks are reaching their limits faster and faster in terms of space. High-performance fibre optic cables are a good choice here, offering large capacities and low latency times in dynamic optical networks and also taking up little space due to their high insensitivity to bending with low macro bending losses at very small radii in the millimetre range.

**Draka UC Future® M11 for data centres and offices**

For data centres and central office applications, MMS added the Draka UC Future M11 cable to its portfolio. "They are bend-friendly, insensitive to micro- and macro-bending and work effectively under constrained conditions," says Gerard Pera, Global Fibre Product Manager at MMS. Other benefits include easy installation and high CPR rating to fire class B2ca s1a d1 a1. The great performance of the cable is assured by the usage of the BBXS fibres. Of course, M11 is just one of many available BendBrightXS fibre cables.

**Draka UC Home® Idrop family for FTTx**

The fire-resistant Draka cables of the UCHome idrop family equipped with BendBrightXS fibres are also an ideal and easy-to-install solution for optical subscriber networks. "With the increasing broadband roll-out and the resulting exponential growth in data volumes, as well as the growing demand for FTTx applications, further Draka UCHome solutions combined with BendBrightXS fibres are a very effective component," Gerard Pera continues.

**Draka BendBrightXS fibre technology**

From the experience gained in numerous customer projects, MMS BU develops optimised cable systems based on BendBrightXS fibre technology. Customers benefit from scalable, physically compact, and investment-proof solutions, with which they are well equipped for future requirements. "BendBrightXS offers companies measurable technical, economic and environmental benefits," says Gerard Pera, summarising the many advantages of the technology.

Get your free application note on bend-insensitive technology from Draka’s technology content hub: [www.draka-cable.com](https://www.draka-cable.com/learn-more/fibre-optic-data-cables/?lang=en).

**Prysmian Group**

Prysmian Group Prysmian Group is world leader in the energy and telecom cable systems industry. With almost 140 years of experience, sales of over €10 billion, about 30,000 employees in over 50 countries and 104 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)

**Company Contact**

Draka Comteq Germany GmbH & Co. KG, Nicole Hentschel, Piccoloministraße 2, 51063 Köln, Tel. +49 (0)221 6770, [www.draka-cable.com](http://www.draka-cable.com)

**Press Contact**

epr - elsaesser public relations, Maximilianstraße 50, 86150 Augsburg, Sabine Hensold, Tel: +49 821 4508 7917, [sh@epr-online.de](mailto:sh@epr-online.de), Sandra Staehr, Tel: +49 821 4508 7913, [sst@epr-online.de](mailto:sst@epr-online.de), [www.epr-online.de](http://www.epr-online.de)