Prysmian Group: BU Multimedia Solutions releases white paper for network specialists

**Draka White Paper out: “Screening and Balance Performance of Data Cables and Related Screen Designs”**

**Cologne, Germany, April 27th 2021 - BU Multimedia Solutions (BU MMS) of Prysmian Group published a white paper that outlines the nomenclature of screening designs. In seven chapters, Draka summarizes the possible specifications and provides an overview of the differences between requirements for pure cables and for cabling systems. This aims at responding to regular questions raised by network specialists who build or expand communications infrastructures. The white paper is now available at** [**https://www.draka-cable.com/wp-content/uploads/2021/04/Draka-White-Paper-Screening-and-Balance-Performance\_Internet.pdf**](https://www.draka-cable.com/wp-content/uploads/2021/04/Draka-White-Paper-Screening-and-Balance-Performance_Internet.pdf)**.**

Balanced high frequency cables are the basis of the horizontal cabling of today’s data communications infrastructure. Due to the balanced mode signal propagation these cables provide to a basic degree an inherent immunity against electromagnetic ingress even when unscreened. By adding a screen, the immunity can significantly be increased. International standards named in the paper provide various parameters for quantifying this degree of immunity. Different designs of screening can be related to the specified levels of these parameters.

Draka´s white paper summarizes the specifications available and provides an overview of the differences between requirements for pure cables and for cabling systems organized in the following sections: Overview on screening designs, parameters of screening performance, transfer impedance, coupling attenuation, limit values for screening parameters and related designs for cables, screening and balance performance requirements of cables compared to cabling systems. The last section will be particularly helpful to Draka´s customers, as it matches the above information with the screening performance covered by Draka UC-cable range.

**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)

**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), Andrea Schneider, Tel: +49 821 4508 7918, [as@epr-online.de](mailto:as@epr-online.de), [www.epr-online.de](http://www.epr-online.de)