

PRESS RELEASE**PRYSMIAN GROUP BREAKS ITS OWN RECORD AND EXTENDS SIROCCO HD CABLE RANGE FOR FTTX AND 5G NETWORKS****SIROCCO HD CABLES PROVIDE THE SMALLEST DIAMETERS AND THE HIGHEST FIBRE DENSITIES FOR MICRODUCT CABLES**

Milan, 16 January 2023 – Prysmian Group, world leader in the energy and telecom cable systems industry, extends its Sirocco HD range of microduct cables to include an 864f cable. Sirocco HD cables provide world record diameters and fibre densities for blown microduct cables. The new cable boasts 864 fibres in a diameter of 11.0mm, providing a fibre density of 9.1 fibres per mm², and is installable into a 13mm duct.

Sirocco HD microduct cables utilize Prysmian's BendBright-A2 200µm single-mode (ITU-T G.657.D, G.657.A2) bend insensitive fibre, providing a solution that is ready for evolved systems, totally compatible with any already-installed legacy G652 fibre, and truly future-proof. "Bend-insensitive fibre optic cables will be crucial for the building of full fibre networks" said Ian Griffiths, Global R&D VP, Telecom Business at Prysmian Group. "The extreme fibre count and reduced diameter of the Sirocco HD microduct cables make installation faster and more cost effective. The cables are also sustainable as they are designed for installation into microducts, making them easily deployable in future-fit solutions such as high-density access, FTTx and 5G networks."

Available in fibre counts from 96 to 864 and conforming to international standards for optical and mechanical performance, the Sirocco HD cables also benefit from the use of Prysmian's PicoTube technology making them up to 20% smaller than previously available microduct cables. This makes it possible to install more fibres into congested duct space and enables the use of smaller ducts for new installations, resulting in lower installation costs and the use of less raw materials. The reduced diameters and increased fibre densities not only provide cost savings to telecom networks owners and builders but allow them to reduce carbon and environmental footprints to meet sustainability goals and requirements.

With these cables, Prysmian Group continues to prove that it truly is a global manufacturer that leverages on its worldwide knowledge and capabilities to respond to the always growing technological challenges that its customers are facing. Sirocco HD product enhancements show the Group's commitment to respond to the evolving needs of the market and to offer a scalable solution that's high-density, physically compact, and easily deployable for a future-fit solution.

Prysmian Group

Prysmian Group is world leader in the energy and telecom cable systems industry. With almost 150 years of experience, sales of over €12 billion, about 29,000 employees in over 50 countries and 108 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.

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