

PRESS RELEASE

Another World's First for Prysmian's Flextube®

The highest fibre count cable to date installed in Australia

Milan, 12 April 2016 – Prysmian, world leader in the energy and telecom cable systems industry, has marked the launch of local manufacture of its new Flextube® cable technology last week with yet another world's first - the installation of its highest fibre count cable to date.

TPG, one of Australia's leading Telcos, required the highest fibre count cable possible, in an ultra-dense single cable solution for a particular application. Using its innovative Flextube® technology, Prysmian responded, manufacturing a cable with a capacity of 2112 fibres.

"It is not only the highest fibre count cable ever manufactured by Prysmian but it also exhibits the world's highest fibre density. The 2112 fibres are contained within a single sheath 24mm in diameter, making it the highest density optical cable solution in the world, with a record breaking 4.7 fibres/mm². The cable was designed to be slim enough to fit inside a 32mm subduct (with an internal diameter of just 28mm), fully maximising the available space," said Jack Clements, Technical Sales Manager at Prysmian Australia.

Prysmian has partnered with TPG telecom for many years and TPG was one of the first companies in Australia to trial the Flextube® product. Flextube® is a revolutionary cable, designed to be extremely compact, light-weight and flexible and also much faster to install. Using Flextube®, Prysmian continues to lead the way in ultra-dense cable solutions and this new record-breaking cable sees the company add to its already extensive Flextube® range.

A 1.8km section of the 2112F cable was deployed in Melbourne CBD on Friday and installed within a subduct of 28mm internal diameter. The cable was spliced at both ends using Prysmian's latest high capacity joint enclosures. The joints are able to store up to 2688 fibre splices and are modular in design, able to be scaled up and down depending on the customer's requirements.

"Prysmian continues to push the boundaries in terms of telecom solutions. We respond to market demand through innovation and currently the market is demanding higher capacity cables. It's not just about offering new innovative cable designs but offering a complete network solution including jointing and connectivity products," said Alice Codenotti, Key Account Manager at Prysmian Australia.

"Being able to install over 2000 fibres in one go brings us major advantages in terms of installation costs per fibre and utilisation of our infrastructure. It also helps us secure capacity in high demand areas, helping us to future proof our fibre network." Said Liz Goyeneche, Network Design and Planning Manager at TPG Telecom.

"We installed Prysmian's 1728F cable last year and this year we're up to 2112F in a single cable. The technology continues to develop and at TPG we're keen to utilise the latest cutting edge products to respond to the evolving needs of our customers," said Reggie Naik, General Manager – Fibre Operations at TPG Telecom.

Last week Prysmian launched the innovative new Flextube® cable line in Sydney, making it the largest telecom factory in the APAC region, enabling to better service a growing local demand.

Prysmian Group

Prysmian Group is world leader in the energy and telecom cables and systems industry. With almost 140 years of experience, sales of about €7.5 billion in 2015, over 19,000 employees across 50 countries and 88 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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