

PADTEC HOLDING S.A. NOTICE TO THE MARKET

Padtec announces a new generation of transponders with up to 2.4 Tb/s capacity

Campinas/SP, September 27, 2023 – PADTEC HOLDING S.A. (B3: PDTC3) (“Company” or “Padtec”) announces a new product platform for DWDM networks, developed to meet the demands for increasing transmission capacity resulting from the increased use of applications and services. Called LightPad Max, the new platform is scheduled for launch in the first half of 2024 and consists of a complete line of next-generation transponders with extremely high data transmission capacity: up to 1.2 Tb/s per optical channel (or 2.4 Tb/s in total), in mechanics only 1U high.

The first product of the new line will be a disaggregated (or standalone) dual transponder with up to 800 Gb/s per optical channel (1.6 Tb/s in total) for medium, long and ultra-long distances. Aligned with international trends, the system’s main objective is to reduce the cost per transmitted bit in coherent optical systems, with high-energy efficiency. “One of the product’s technical features is the transmitted symbol rate, which will be 140 Gbaud, double the rate available in current equipment”, highlights Argemiro Sousa, Chief Operations Officer for Equipment at Padtec. “With a higher symbol rate, it is possible to achieve greater transmission capacities in DWDM networks using a smaller number of channels, which represents cost savings per bit and a significant reduction in energy consumption”, he explains.

The director points out that the development of this new generation of products is part of the company’s commitment to technological innovation, the result of its substantial investment in research and development. “We are committed to continue investing in the evolution of our product line, always challenging the limits of innovation. In this way, we offer the market solutions at the forefront of technology in optical communication systems, ready to meet current and future demands”, adds Argemiro.

The new product will be manufactured in Brazil and can be financed through credit lines offered by Padtec. Among them, are the FIDC Funttel as well as financing through BNDES, Finep, “vendor financing” with private banks and “forfait” operations for international sales.

About Padtec (padtec.com)

Padtec is a Brazilian multinational company that strives to bring high-capacity connections to life throughout Brazil, the Americas and around the world. From the small town to the bustling metropolis. For every person, for every type of business. With over 20 years of history, we are honored to work together with our customers to offer services capable of bringing people together. By this collaboration and living and breathing technology, we go where no one else goes. We venture to use our knowledge to design new futures and keep up with a world in constant evolution. This is our way of leveraging connections to create new realities.

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