

Algeria commissioning single-fiber bidirectional LPO

Overview

It has been attached to the Trans-Saharan Highway project to connect all concentrations of people on its route by road to other parts of the country and, beyond, the world. The proposed intervention consists of completing the missing links in Niger and Chad of the trans-Saharan ridge. In an address at the. The 100G-DR-LPO specification by the LPO (Linear Pluggable Optics) MSA defines 100 Gb/s/lane 53. 125 GBd PAM4 optical interfaces, optical links using standard single-mode fiber with up to 500 m reach, and host-module electrical interfaces for hosts with DSP based SerDes and RS(544,514) FEC. It. Additionally, this project aims to deploy a high-capacity terrestrial fiber optic corridor across the Sahara Desert, connecting Algeria, Niger, Chad, and Nigeria. It is part of a regional digital transformation effort under the UMA and ECOWAS frameworks, designed to reduce Africa's digital divide. Over the past two years, Algeria has doubled its international bandwidth capacity. In 2020, Algeria's international bandwidth was 1. Secretary-general of the Ministry of Post and Telecommunications, M r.

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	<p>It builds on IEEE 802.3 and OIF CEI-112G-LINEAR-PAM4 specifications. It enables Ethernet-like links with 1, 2, 4, or 8 lanes for data centers, using low power, high port density, low cost, and low latency ...</p>
	<p>Major terrestrial broadband backbone designed to convey bandwidth capacity from coasts to hinterland and provide alternative gateway to Europe through Algiers. Serves the existing Trans-Sahara ...</p>
	<p>It connects six countries: Algeria, Niger, Nigeria, Chad, Mali, and Mauritania. The 79 million euro project is co-funded by the African Development Bank (AfDB) and the European Union (29 million euros) ...</p>
	<p>As for Secretary-general of the Committee, M r. Mourad ELALIA, he indicated this project has achieved significant progress since it constitutes a part of the strategic initiative related to the link ...</p>
	<p>This partnership aims to enhance local technical capabilities and expedite universal access to high-speed fiber connectivity throughout the country.</p>

	<p>The multinational component of the Trans-Sahara Optical Fibre Backbone (TSB) Project aims to achieve the interconnection between Niger, Algeria, Nigeria and Chad through the laying of 1 ...</p>
	<p>Through this partnership, Algeria Telecom and the National Agency for Microcredit Management reaffirm their shared commitment to an inclusive and sustainable digital economy, with ...</p>
	<p>Algeria plays a central role in the project to deploy an optical fiber network aimed at connecting several African nations, including Niger, Nigeria, Chad, Mali, and Mauritania.</p>
	<p>Algeria has made a significant leap forward in the field of the generalization of fiber optic technology, as the data indicate encouraging</p>

Contact Us

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