

Low Loss Optical Communication Tester in Greece



Overview

OptiSat, led by Planetek Hellas, will host a TESAT SCOT20 laser communication terminal payload designed to demonstrate secure, high-rate laser links from small satellites in Low-Earth Orbit (LEO). The European Space Agency (ESA) is supporting an extensive test campaign for optical laser terminals orchestrated by a broad coalition of Greek aerospace and academic partners under the Greek Connectivity Programme. Launching with four CubeSat missions in the first half of 2026, this campaign will. Instruments and systems used in installation, maintenance and construction of Fiber networks, Radio Networks and Copper Networks. Instruments include Fiber Splicers, Fiber Blowing Machines, Optical Reflectrometers, Cable Locators and many more. Complete network systems and solutions for a wide range of operator needs, from Electromagnetic Field monitoring systems to subscriber. Leontios is leading our optical transceiver product development. He is running system-level modeling & physical layer simulations of high-speed optical transmission links. The only fully automated, always-connected solution natively combining bidirectional OLTS and OTDR-ready capabilities on one.

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OLTS test module for data center and enterprise Tier 1 fiber certification. Optimized for Tier-1 fiber certification (data center, enterprise) and designed to help installation contractors, network engineers ...



It will use the As t rolighit ATLAS-1 laser communication terminal to test space-to-ground optical links with upgraded Greek optical ground stations. This will establish real-world performance ...



Giannis is designing our photonic assemblies & modules which comprise fiber optics as well as our photonic / electronic ICs. He is also performing modeling and thermo-mechanical analysis. He ...



Anritsu provides accurate, reliable, and easy-to-use inline components to continually verify signal strength, power, and throughput, as well as external test instruments that can quickly isolate a bad ...



TESAT and Planetek Hellas have announced the delivery and acceptance of the first SCOT20 Optical Communication Terminal (OCT) flight model.



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The terminal will be deployed on Optisat, Planetek Hellas' pioneering mission under Greece's National Satellite Space Program, supported by the European Space Agency's (ESA) Directorate of ...



The activity aims at upgrading three astronomical observatories to operate as optical ground stations (OGS) within the Hellenic quantum communication initiative, as well as other European and Greek ...



All categories of test and measurement equipment, for academic, production, R& D and defense laboratories. Solutions for signal and protocol analysis, waveform generation, EMC tests, lasers and ...



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