

Remote unit remote optical module



Overview

ROU receives TX optical signals from ODU or OEU and converts them into RF signals. The converted RF signals are amplified through High Power Amp in a corresponding RDU, combined with Multiplexer module and then radiated to the antenna port. The ALLIANCE Release 6 platform is SOLiD's multi-operator, neutral host Distributed Antenna System (DAS) that efficiently delivers wireless RF signals into any indoor or outdoor location difficult to cover with traditional macro networks. The High-power Remote Optic Unit (HROU) can support up to. The RFTS-400 modular platform design incorporates an Optical Control Module (OCM) and Optical Switching Modules (OSM) that support fiber monitoring expansion from 8 to 108 ports in the 1U rack. A fully expanded system can support up to 4608 monitoring ports. The RFTS-400 is VeEX's third generation. EXFO RFTM automates remote fiber testing and proactive monitoring with OTDR technology, covering the full fiber lifecycle for P2P and PON networks.



Article Content

Mar 11, 2026

RFTS-400 | VeEX Inc. | The Verification EXperts

The RFTS-400 is VeEX's third generation optical remote fiber test unit. The RFTS-400 fits into a 1U tray which has six single width slots. The OCM requires two

Jul 27, 2025

MROU_CU3 SOLiD | SOLiD ALLIANCE DAS 5W Remote Optical

ALLIANCE is a multi-operator DAS solution that offers public safety, 2-way radio and commercial wireless services all from a common head end and delivered over a single fiber. Modular design

Jul 30, 2025

(PDF) Fully Powered-over-Fibre Remote Antenna Unit

A novel remote antenna unit, intended for application in the downlink of an analog radio frequency over fiber system, is proposed, whose radiated power

Sep 27, 2025

RTU-4000 Remote Test Unit RTU-4100/4113 Optical Modules

Remote Fiber Test System (RFTS) The RTU-4000 platform equipped with RTU-4100/4113 optical test module is a rackmount OTDR designed to monitor both dark or in-service optical fiber infrastructures

Oct 04, 2025

EXFO OTH-7000 | Remote Optical Test Head from MHz

Compact OTDR-based remote test unit designed for FTTx PON deployments, fiber-optic network monitoring and troubleshooting. INTEGRATED OTDR AND OPTICAL SWITCH Part of EXFO's

Jul 11, 2025

Remote terminal unit

A remote terminal unit (RTU) is a microprocessor -controlled electronic device that interfaces objects in the physical world to a distributed control system or SCADA

Aug 13, 2025

Optical module

An optical module is a typically hot-pluggable optical transceiver used in high-bandwidth data communications applications. Optical modules typically have an electrical interface on the side that

Feb 12, 2026

Zinwave Unitivity 5000 Optical Remote Unit 305-0007

Optical remote unit for the Unitivity 5000 DAS platform, delivering broadband RF coverage at the edge of the fiber network. Ideal for large venue and enterprise deployments.

Feb 19, 2026

OTAU-9150 | Spec sheet | EXFO

Compact and high port-density local or remote optical switch for OTDR-based remote fiber test and monitoring applications. Broaden the reach of the OTDR test head by using the OTAU-9150 switch

Mar 25, 2026

SOLiD Data Sheet

The Low-power 2W Remote Optic Unit (N2ROU) can support up to seven commercial bands in one cabinet, each delivering 2W of output power. An Add-on remote unit (AOR) is available for supporting

Nov 23, 2025

OMU II Optical Master Unit

For the maximum number on MBF-20 remote units, 6 Opto Modules and 6 OSM are used which may be configured according to the number of sectors used in the project – up to 6 sectors in this configuration.

Sep 11, 2025

Remote fiber testing and monitoring (RFTM) | EXFO

Compact, high port-density local or remote optical switch for OTDR-based remote test and monitoring. Centrally and remotely managed OTDR unit for auditing, troubleshooting and monitoring FTTx fibers.

Sep 15, 2025

SOLiD ROU (Remote Optic Unit)

ROU receives TX optical signals from ODU or OEU and converts them into RF signals. The converted RF signals are amplified through High Power Amp in a corresponding RDU, combined with

Aug 06, 2025

The Most Comprehensive Guide Of Optical Modules

Explore the ultimate guide to optical modules. Learn types, functions, performance metrics & how to choose the right module for your fiber network.

Dec 24, 2025

Optical Master Unit Mk. II

AEM communicates with each fibre-fed remote unit via the OMU over the same single mode fibre link that carries the RF as Optical signals and which results in a very reliable supervision of the radio

Dec 09, 2025

PBE Optical Master Unit OMU MK II, incl. 1x opto module for max. 8 ...

The optical master unit (OMU) consists of individual modular subracks. Each subrack of an OMU has 12 slots and can be equipped with up to 8 optical modules as well as the Rack Communication Board

Feb 03, 2026

What are remote test units?

A remote test unit (RTU) – also known as a remote fiber test unit or remote test head – is a head-end appliance that houses an optical time domain reflectometer

Feb 25, 2026

RFTS-400 Remote Fiber Test System

The RFTS-400 modular platform design incorporates an Optical Control Module (OCM) and Optical Switching Modules (OSM) that support fiber monitoring

Apr 12, 2026

ADVANCED RF Optical Remote Unit Module

ADVANCED RF Optical Remote Unit Module (No reviews yet) Write a Review
\$4,950.00 Brand Advanced RF Technologies, Inc. SKU: ADXV-R-ORU-X

Nov 14, 2025

SOLiD Data Sheet

The High-power Remote Optic Unit (HROU) can support up to four commercial bands, each delivering 20W of output power (or 40W for select bands). An add-on unit (HARU) is supported for additional

Jan 15, 2026

[PSS 21H-8B7 B4] I/A Series Remote Terminal Unit (RTU) RTU 50

The OPTOnet module provides the ability to support peer-to-peer communications between RTUs, by using a high speed optical ring network interface, with high isolation and noise immunity.

May 03, 2026

SOLiD HROU_C_AC Remote Optical Unit Chassis

The SOLiD HROU_C_AC Remote Optical Unit Chassis is the ideal solution for expanding and optimizing your fiber optic network. Designed for high performance and reliability, this chassis is

Sep 15, 2025

RFTS-400 | VeEX Inc. | The Verification EXperts

The RFTS-400 modular platform design incorporates Optical Control Module (OCM) and Optical Switching Modules (OSM) that support fiber monitoring expansion

Sep 27, 2025

Optical Test Head | Remote Fiber Testing and

Optical test head equipment helps operators troubleshoot, audit and monitor optical fibers remotely. Learn more about OTH and EXFO's remote fiber testing and

Nov 24, 2025

[PSS 21H-8B7 B4] I/A Series Remote Terminal Unit (RTU) RTU 50

Distributing Remote Terminal Units around your field site can produce considerable savings in cabling and installation costs. The I/A Series RTU 50 makes distributed configurations easy with OPTOnet

Jun 15, 2026

ALLIANCE Installation and Operation Manual

SOLiD's 20W high-power remote optic unit (HROU) is designed for the ALLIANCE Release 6 DAS and can be mixed with other REL6 remote units (1W, 2W and 5W) in a single system.

Jul 29, 2025

OPTICAL REPEATERS

Master Optical Unit: MOU is directly coupled with the BTS and is placed close to the BTS location. It converts RF frequencies into optical signal and transmits this

Jun 15, 2026

HROU_ECU1 SOLiD | SOLiD ALLIANCE DAS 20W Remote Optical

SOLiD's 20W high-power remote optic unit (HROU) is designed for the ALLIANCE Release 6 DAS and can be mixed with other REL6 remote units (1W, 2W and 5W) in a single system. This highly

May 20, 2026

RTU-300 | VeEX Inc. | The Verification EXperts

Remote Test Unit/Optical Fiber Networks VeEX® RTU is a Remote Test Unit for Testing and Preventive Monitoring of fiber and multi-service transport

Mar 25, 2026

Stratus (Optical Remote Unit)

Stratus (Optical Remote Unit) The Maven Stratus high power digital remote node delivers up to +43 dBm RF output power per band in all bands, supporting multi-operator and multi-standard operation from

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.regen-power.co.za>

Email: info@regen-power.co.za

Phone: +49 176 845 2036

Address: Taunusanlage 15, 60325 Frankfurt am Main, Germany

This document is for informational purposes only. Specifications subject to change without notice.

