# ZITHA TECH SPECIALTY CABLES (Pty) Ltd

# Optical Distribution Module ODU



## Overview

In ALLIANCE-TR, the ODU converts RF to optical signals for the downlink path and optical to RF signals for the uplink path. Compatible with standard 19″ ODFs and only 300 mm deep, it delivers up to 144 fibers per RU—achieving 6,048 fibers in a 42RU frame. The front-access design streamlines installation and. ODU series ODF sub-rack could be classified to integrated splicing & termination sub-rack and separated splicing & termination sub-rack. It usually is used in ODF rack or other telecommunication cabinets. ODU sub-rack is used as a module of ODF rack, provides functions such as cable fixing, fiber. ALLIANCE Multi-Carrier DAS Integrated BTS Interface Unit (iBIU) The iBIU receives RF signals from, and sends RF signals to, the base station (BTS) or bi-directional amplifier (BDA).

## Article Content

SOLiD Alliance Optical Distribution Unit (ODU)

The Optical Distribution Unit (ODU) contains optic modules that perform RF-to-optical conversion for downlink signals and optical-to-RF conversion for uplink signals. The ODU can support a maximum

SOLiD Data Sheet

Product Specification / Parts List The integrated Optical Distribution Unit (iODU) receives downlink RF signals from the integrated BTS Interface Unit (iBIU), converts the RF signals to optical, then sends

© 2026 ZITHA TECH SPECIALTY CABLES (Pty) Ltd - All rights reserved

Optical Distribution Frame Unit_GPX59

ADTEK GPX59 is a high-density optical distribution unit (ODU) designed for modern data centers and FTTx networks. Compatible with standard 19″ ODFs and only 300 mm deep, it delivers up to 144

iODU SOLiD | SOLiD ALLIANCE DAS Optical Distribution ... | Unisol

The optical modules in the iBIU convert the RF and optical signals and transmits them via fiber to and from the remote units (ROUs). The iBIU can be configured with any combination of point-of-interface

Outdoor Unit (ODU) for Fiber Optic Interfacility Links | G5000 Series

The G5000 Series Outdoor Unit (ODU) is a modular, IP65 rated outdoor enclosure designed to house Global Foxcom Fiber Optic Interfacility Link modules and related components at antenna sites.

OpticalDistributionModule O

Optical distribution modules are designed for LongXing''s patch panel (ODU-L10), with the purpose of optic fiber organization, storage and fiber optic fusion protection.

Solid ODU_OM_4/OEU_OM_4

The SOLiD ODU_OM_4 Optical Module offers a cutting-edge solution for optical signal management, ensuring seamless connectivity across telecommunications, data centers, and enterprise networks.

Fiber Optic Distribution Module | Fiber Distribution

Optical distribution modules are designed for LongXing''s patch panel (ODU-L10), with the purpose of optic fiber organization, storage and fiber optic fusion protection.

Fiber Optic Distribution Module | Fiber Distribution

Optical Splice & Distribution Module Series G (G0) Overview Optical distribution modules are designed for LongXing''s patch panel (ODU-L10), with the purpose

ODU_OM_4 SOLiD | SOLiD ALLIANCE DAS Optical Distribution

SOLiD SOLiD ALLIANCE DAS Optical Distribution Unit (ODU) 4 Port Optical Module, SOI Part Number: ODU_OM_4 List Price: $ 3,735.00 (Request quote for discounted pricing) Special Order Quantity

SOLiD ODU_C Optical Distribution Chassis

For Optical Distribution Unit (ODU) and Optic Modules ODU_C Applications: Telecommunications: Optimize fiber management in central offices and remote hubs. Data Centers: Streamline optical

*© 2026 ZITHA TECH SPECIALTY CABLES (Pty) Ltd - All rights reserved*

ODF & Patch Panel

This frame is suitable for large-capacity fiber optic into the client side management and business development needs. Modular design: The frame is comprised of optical distribution module, fiber

SOLiD EXPRESS Single Carrier DAS Optical Distribution Unit (ODU)

Find a wide selection of Distributed Antenna Systems at Winncom Technologies corp. We offer a wide range of SOLiD products like SOLiD EXPRESS Single Carrier DAS Optical Distribution Unit (ODU) 4

Optical Transport Network

An Optical Transport Network (OTN) refers to an interconnection of optical switches and optical fiber links that transmit data over a lightwave-based channel. It is a layer one network that uses various

ODF (Optical Distribution Frame) ODU-192-Outdoor

The rack mount is made of top quality metal material and could contain up to 8 integrated splice & distribution units (up to 192 cores).Splice and distribution are

RackMountPatchPanel

ODF (Optical Distribution Frame) rack mount patch panel ODU-L16 is adaptable with standard 19", 21" and 23" frames and currently being widely used in Longxing''s optical fiber distribution frames, such

F2H-ODU-P4 Series ODF-ODF Optical Distribution

Grandway F2H-ODU-P4 series ODF is used as terminal equipment of fiber optic cable for optical fiber wiring, fixation, fusion and patching. Contact now□

ODN Optical Distribution Network | What Is It? How It Works?

ODN is an optical distribution network. It is an optical transmission physical channel between OLT and ONU. It is the most important segment in FTTH network.

*© 2026 ZITHA TECH SPECIALTY CABLES (Pty) Ltd - All rights reserved*

## Contact Us

Continue your research online:

Website: https://zithatech.co.za
Technical inquiry: https://zithatech.co.za/contact.html

This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

© 2026 ZITHA TECH SPECIALTY CABLES (Pty) Ltd - All rights reserved