

F822 optical module



AI Overview

The ZTE ZXA10 F822 is a GPON/EPON optical network unit designed for FTTB/FTTO deployments, offering 24+24 ports for data and voice services with high reliability and flexible connectivity.

OverviewThe ZXA10 F822 is a modular optical network terminal (ONT) primarily used in FTTB (Fiber to the Building) and FTTO (Fiber to the Office) scenarios. It enables high-speed broadband access, VoIP, and TDM services for commercial and multi-dwelling users, supporting multi-tenant network environments with rich, diversified, and secure service delivery.

Key Features

- Interfaces:** 1-2 GPON/EPON ports to connect to OLTs, 24 Ethernet ports, 24 POTS voice ports, and 1 GE uplink port.
- Power Options:** Supports both AC (110V/220V) and DC (-48V) inputs, providing flexibility in deployment.
- Cooling:** Fanless design with natural heat dissipation, reducing noise and operational costs.
- Service Management:** Supports plug-and-play, zero-touch provisioning, remote upgrades, and automatic service recovery.
- Transmission Performance:** Maximum link distance up to 20 km, transmitting optical power between 1-5 dBm, receiving sensitivity better than -29 dBm, and overload optical power of -5 dBm.

ApplicationsThe F822 module is ideal for:

- Business buildings:** Efficient network management and high-speed connectivity.
- Airports and campuses:** Stable access for multiple users and devices.
- Hotels and factories:** Reliable service delivery for high-density environments.

Advantages

- High integration:** Combines data, voice, and TDM services in a single unit.
- Energy-efficient:** Fanless design and low power consumption.
- Scalable:** Modular design allows easy expansion and future upgrades.
- Operator-friendly:** Supports batch configuration and remote management, reducing operational complexity.

SummaryThe ZTE ZXA10 F822 is a versatile, high-performance optical module suitable for modern FTTB/FTTO networks. Its combination of multiple ports, GPON/EPON support, fanless design, and flexible power options makes it a reliable c...

Article Content

Fundamentals of an Optical Module

Fundamentals of an Optical Module As an important part of fiber-optic communication, an optical module is a photoelectric converter which converts electrical signals into optical signals and vice versa. An

ZTE ZXA10 F839 ZTE ZXA10 F822 mdu with 1/2 x

The ZXA10 F839 is a full-GE Cellular Backhaul Unit (CBU) of the semi-fixed box type. Its main control board supports 2 combo ports and 6 GE ports. With a

ZTE MDU F822: Leistungsstark & Zuverlässig

Finden Sie den ZTE MDU F822 mit 8/16/24 Ports, PoE, SNMP und Cloud-Management. Perfekt für FTTH-Festnetzanschlüsse. Jetzt Angebote vergleichen und kaufen – inklusive Lieferung bis Mai 2026.

ZXA10 F822 Datasheet

TB/FTTO environment. ZXA10 F822 supports VoIP and ata services access. It builds a multi-tenant network center with computer technology and broadband optical network access technology, which

ZXA10 F822 Datasheet

ZXA10 F822 is a GPON Optical Network Unit used in an FTTB/FTTO environment. ZXA10 F822 supports VoIP and data services access. It builds a multi-tenant network center with computer

Understanding Optical Modules: Working Principles,

Explore the working principles, structures, and performance metrics of optical modules, essential components of optical fiber communication

ZXA10 F839 ZXA10 F822 mdu with 1/2 x GPON SC/PC optical port

ZXA10 F839 ZXA10 F822 mdu with 1/2 x GPON SC/PC optical port ONT ONU No reviews yet Shenzhen Uonel Technology Co., Ltd. 11 yrs

ZTE GPON or EPON ONU, F822 switch 8 LAN port +8

ZXA10 F822 optical network terminal is modular user end access equipment. It is mainly used in FTTB and FTTO to provide high broadband and POTS access for

FTTX optischer Zugang original MDU F822 mit 24+24 Porten optische Module

FTTX optischer Zugang original MDU F822 mit 24+24 Porten optische Module, Weitere Einzelheiten zu FTTX optischer Zugang original MDU F822 mit 24+24 Porten optische Module finden Sie auf der

ZXA10 F822 Datasheet: Interface Function Physical

ZXA10 F822 is a GPON Optical Network Unit used in an FTTB/FTTO environment. ZXA10 F822 supports VoIP and data services access.

Full range FTTX optical access ZXA10 MDU F822 with 24+24 ports

ZXA10 F822 optical network terminal is modular user end access equipment. It is mainly used in FTTB and FTTO to provide high broadband and POTS access for commercial users and multi-dwelling users.

MICROSCOPES M822 Leica ELECTRICAL DATA

STANDARDS Council Directive 93/42/EEC on Medical Devices (MDD) and its amendments. Classification: Class I, in compliance with Annex IX, rule 1 and rule 12 of the directive. Medical

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

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.

ZXA10 F822 PoE Datasheet | PDF | Computer Network

ZXA10 F822 (PoE) provides AP power supply and access services in hot spots including business buildings, airports, campuses, factories and hotels. ZXA10

M822 Ophthalmic surgical microscope

M822 ophthalmic surgical microscope supports anterior and posterior segment surgeries with optimal illumination, premium Leica Optics, ergonomic design, and

FTTX optical access Fiber Optic Equipment ZXA10 F822-16 F822-24

FTTX optical access Fiber Optic Equipment ZXA10 F822-16 F822-24 GPON Epon POE ports

ZTE ZXA10 F822P MDU PoE EPON GPON No Fan No

The ZXA10 F822(PoE) is an MDU product designed for the operators?? AP deployment application scenarios. Supporting PoE/PoE+/EPON/GPON, the

What is an optical module?

An optical module is a component in the fiber optic communication link, with fiber optic being the main component of fiber optic communication.

ZTE F822 MDU

It adopts optical/electrical/optical conversion to implement conversion between service signal and line signal wavelength. Line-side signals meet G.692 and G.709 requirements after signal wavelength

Optical module design resources | TI

View the TI Optical module block diagram, product recommendations, reference designs and start designing.

ZTE ZXA10 F822 EPON ONU, for FTTH or FTTB mode, 24FE-10E

There are two default brands of modules come from the factory, please inform us which one you need when you buy, otherwise, we will deliver randomly. ZXA10 F822 optical network terminal is modular

Designing a Module for High-Speed Optical Communication

The ultimate goal for all-optical connectivity with an ultra-high F5G bandwidth is to increase transmission rates. Optical modules — the foundation of optical communication networks — face the design

What Is an Optical Module and Its FAQs (V200)

Describes what an optical module is and FAQs, including the fundamentals, appearance and structure, key performance counters, common types, and naming conventions of optical modules, causes of

Leica M822

LED and Halogen Combined The Leica M822 combines high transmission optics with a dual illumination system consisting of LED plus halogen. The result: a reliable, safer, eco-friendly, and cost-saving

Contact Us

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