

EDFA10G for Rail Transit



Overview

10G EDFAMUX combines EDFA & dispersion compensator in 1RU 19" package. Pre-configurable to exact network needs and reconfigurable when needed. EDFAMUX available in 10x10G (up to 200km) or 16x10G (up to 140km). Compatibility & industry standard compliance with popular OEM. Application of 10G Ethernet Communication in Train Autonomous Control System of Urban Rail Transit Application of 10G Ethernet Communication in Train Autonomous Control System of Urban Rail Transit Jiewei Du1,2(B), Jianying Liang1, Shaoqing Liu1, Zhenchen Chang1, Dongxiao Jia1, Mingming Liu1, and. The EDFAMUX enables a straightforward upgrade from 10G to 100G DWDM networks, extending reach up to 80 km. 10G DWDM has helped network operators defer new costly fiber runs, but upgrading data rates at range has proven complex. Network operators needing up 10G DWDM. This manual is written with the intent to fully inform the user as to the specific installation instructions and safety requirements of the AddOn Networks EDFAMUX product line. AddOn Networks' EDFAMUX products undergo extensive internal testing procedures in order to meet our strict quality control. The simulation is carried out by building a 10 Gigabit Ethernet data communication test platform based on FPGA (Field Programmable Gate Array). The results show that: FPGA GTX transceiver is used to transmit 1.

Article Content

EDFAMUX MANUAL

Next, the manual will cover the specific risks and considerations when using, installing, or altering the AddOn Networks EDFAMUX. Finally, the manual covers what to do when a malfunction occurs or ...

10G EDFAMUX Datasheet

Typically, long distance projects require a 1RU standalone Passive MUX, a separate EDFA (amplifier), and a separate Dispersion Compensation unit. This EDFAMUX combines all of these features in a ...

Datasheet

These Erbium-Doped Fiber Amplifiers (EDFAs) are engineered for a long operational lifespan, typically designed to function reliably for over 10 years. This durability is achieved through high-quality ...

Anixter - Wire and Cable, Networking, Security and Utility Power ...

Anixter - Wire and Cable, Networking, Security and Utility Power Solutions

Application of 10G Ethernet Communication in Train Autonomous ...

To overcome the above challenge, we propose an autonomous train control system of urban rail transit with simplified system architecture and refine resource allocation and optimized ...

GAOTek 10G SFP+ DWDM ZR with EDFA Reach of 120 km

GAOTek DWDM EDFA 10G SFP+ DWDM ZR with EDFA Reach 120 km is used in optical fiber networks to transmit multiple data signals simultaneously over a single optical fiber by using different ...

Application of 10G Ethernet Communication in Train ...

2State Key Laboratory of Rail Traffic Control and Safety, Beijing Jiaotong University, Beijing 100044, China Abstract. The development of digitization and intelligence of train control and ...

Reach up to 200km with new 10G EDFAMUX solutions

ProLabs'' 10G EDFAMUX helps reach 10G DWDM signals up to 200km. Increased network service demands have strained aging networks worldwide. 10G DWDM has helped network ...

Contact Us

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