TSPMD12-O mux

TSPMD12-O

TSPMD12-I

TSPMD12-O

Product Description:

TSPMD12-I and TSPMD12-O are part of our passive CCWDM Mux/Demux series and supports 12 CWDM Channel interconnection over single fiber using 1271-1371nm and 1471-1571nm wavelength from ITU-T G.694.2 grid. TSPMD12-O unit is for harsh outdoor environments supporting IP55- water dust resistance, -5 to 70C temperature, telecom pole or wall installation options and comes with LC/UPC or customer specified for easy fiber connection. Unit is small in size, light in weight, is simple to install, requires zero configuration or maintenance and is fully passive - no power supply or cooling required. TSPMD12-O is used together with TSPMD12-I. This solution is designed for scenarios where single fiber passive CWDM connections on both sides of the link are deployed in harsh outdoor or one of sides is deployed in Indoor environments.

TSPMD12 uses Compact CWDM filter technology and provides $\leq$ 1.8 dB insertion loss.

CCWDM Mux/Demux are data rate or line protocol neutral and are used in combination with colored optical transceivers which ensure desired application and data rate. Typical use case for TSPMD12 Mux/Demux are 5G/4G/3G Mobile Fronthaul Network Baseband Unit (BBU) and Remote Radio Head (RRH) interconnection (CPRI/eCPRI protocol), Enterprise

Network 25G/10G Ethernet links or Datacenter 32/16/8G Fiber Channel connections

Features:

Applications:

The module enables efficient connectivity and supports bandwidth-intensive applications within data center infrastructure. It can be utilized in data center environments for high-speed data transmission between switches, routers, and servers.

In metropolitan area networks (MANs), the module provides high-bandwidth connectivity between different sites across metropolitan areas. It ensures reliable and high-speed communication in urban networking environments.

For telecommunications networks, the module facilitates high-speed data transmission over medium distances. It supports efficient communication between network nodes and caters to the increasing bandwidth demands of modern telecommunications infrastructure.

Within enterprise networks, the module is employed for interconnecting network segments, connecting remote offices, or establishing high-speed links between different locations. It ensures efficient and reliable communication within the enterprise network infrastructure.

In wireless backhaul applications, the module establishes high-speed connections between wireless base stations. It supports the transmission of data and voice traffic over medium distances, facilitating the expansion and optimization of wireless network coverage.

Customization:

Contact the manufacturer: Reach out to the manufacturer or supplier of the TPC-TG10-27~61DCR transceiver module and inquire about their customization capabilities. Provide them with detailed information about your specific requirements.

Specify your customization requirements: Clearly communicate your customization needs to the manufacturer. This may include desired specifications, performance parameters, wavelength selection, temperature range adjustment, power consumption optimization, or any other specific

features you require. The more detailed and specific you can be, the better the manufacturer can understand your needs.

Consult with the manufacturer: Engage in discussions with the manufacturer to explore the feasibility of your customization requests. They will be able to provide guidance, technical expertise, and recommendations based on their capabilities and experience. They can also advise you on any limitations or trade-offs associated with the customization.

Evaluate cost and lead time: Customization may involve additional costs and could impact lead times. Discuss these factors with the manufacturer to understand the pricing and production timeline associated with the customization. Consider the trade-offs between customization, cost, and time considerations.

Review and finalize: Once you have discussed and agreed upon the customization details, review the proposed specifications, pricing, and any other relevant factors. Ensure that both parties have a clear understanding of the customization scope before finalizing the order.

Support and Services:

We understand the importance of providing comprehensive technical support and service for our SFP+ Transceiver Module. Our dedicated team of technical experts is here to assist you every step of the way.

Whether you need assistance with product installation and setup, troubleshooting and diagnostics, data transfer and network configuration, firmware and software updates, or general technical advice and best practices, we've got you covered. Our team is equipped with the knowledge and expertise to address your queries and ensure that you have a seamless experience with our SFP+ Transceiver Module.

We prioritize staying up-to-date with the latest information and advancements in the field, so you can rely on us for accurate and relevant product information. We are committed to providing prompt and effective support, helping you resolve any issues and optimize the performance of your SFP+ Transceiver Module.

Rest assured that we are here to assist you and provide the best possible technical support and service. Feel free to reach out to us if you have any questions or require assistance. Your satisfaction is our top priority.

Packing and Shipping:

Packaging and Shipping for SFP+ Transceiver Module

The SFP+ Transceiver Module is securely packaged to ensure it arrives safely and undamaged. The module is placed in a protective foam shell, surrounded by bubble wrap and placed in a strong cardboard box.

We ship our SFP+ Transceiver Module via FedEx or USPS with tracking information provided. We also offer express shipping for customers who need their order faster.

Reference Datasheet File code: DS210002

Product link : https://www.trixontech.com/ccwdm-mux.html