Fiber TAP Cassette - Singlemode, 8-Fiber MPO to MPO, 4 Monitoring Ports, 70/30 Split

MODEL NUMBER: **N482TAP-4SM73M8**

Helps you gather data to analyze performance issues, optimize network traffic and monitor a fiber network for security threats.

Features

Fiber Optic TAP Cassette Helps You Monitor and Analyze Network Data
This N482TAP-4SM73M8 singlemode TAP (traffic access point) cassette is a passive device added to a fiber optic network to enable real-time monitoring. Its optical splitter divides the optical signal into two outputs, one for the downstream device and one for monitoring, without introducing latency or creating a single point of failure.

Creates a 70/30 Split Ratio for User Traffic and Signal Monitoring
Network monitoring is used to gather data to analyze performance issues, optimize network traffic and uncover security threats in your data center, telecom carrier network or R&D facility. This TAP cassette directs 30 percent of the light to a nearby monitoring device. The remaining 70 percent is transmitted as usual throughout the network without affecting performance.

Compatible with Singlemode Cabling
This passive TAP cassette supports 40/100 Gb internally using singlemode fiber optic cable, enabling you to perform monitoring and data analysis without causing delays or affecting network performance. It is compatible with recommended cables, including the N390-Series, for connecting to switches, routers and monitoring equipment.

Easy to Install with Compatible Enclosures
The singlemode N482TAP-4SM73M8 works with N482-00U (fits one cassette), N482-01U (fits five cassettes), N482-02U (14 cassettes) and N482-04U (28 cassettes) chassis. The futureproof-friendly modular design allows you to remove the cassette without replacing the panel or removing other cassettes. The TAP cassette also complies with IEEE 802.3ae (10 Gb) and ANSI T11.2 (Fibre Channel) requirements. A 0.20 dB maximum insertion loss falls under IEEE 802.3ae maximum channel loss spec of <25 dB.

Factory-Terminated Ports Help Reduce Installation Time
The OM4-rated cassette has 12 QSFP 8-fiber MTP/MPO ports that allow fast, easy connection of cables. The durable plastic cassette comes with dust caps to protect unused ports.

Highlights

- Passive OM4 multimode fiber TAP with 40/100 Gb MPO to MPO ports
- 70/30 split ratio allows real-time traffic analysis while preserving primary link performance
- Fiber TAP cassette is optimized for parallel optics and Base-8 connectivity
- Compatible with N482-00U, N482-01U, N482-02U and N482-04U panels

Applications

Monitor network activity for performance or security issues while allowing the normal flow of traffic

System Requirements

- Compatible with recommended cables, including N390-Series
- Works with N482-Series fiber enclosure panels

Package Includes

- N482TAP-4SM73M8 Singlemode TAP Cassette, 70/30
- Quick Start Guide

Specifications

OVERVIEW	
UPC Code	037332262615
Product Type	Passive Fiber TAP
Technology	Singlemode
Optical Mode	OM4
CONNECTIONS	
Monitoring Ports	4
Side A - Connector 1	12F MTP/MPO (MALE)
Side B - Connector 1	12F MTP/MPO (MALE)
Input Ports	4
Output Ports	4
PHYSICAL	
Number of Fibers	32
Shipping Dimensions (hwd / in.)	2.00 x 7.50 x 4.80
Shipping Weight (lbs.)	0.50
Unit Dimensions (hwd / in.)	4.720 x 3.460 x 1.180
ENVIRONMENTAL	
Operating Temperature Range	-4° to 140°F (-20° to 60°C)
Storage Temperature Range	-4° to 140°F (-20° to 60°C)
Relative Humidity	5% to 85% RH, Non-Condensing
COMMUNICATIONS	
Network Compatibility	40 Gbps; 100 Gbps; 400 Gbps
Wavelength	1310nm; 1550nm
Insertion Loss	2.30 dB / 6.30 dB @ 1550nm
Split Ratio	70/30
STANDARDS & COMPLIANCE	
Product Compliance	RoHS; REACH
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	Lifetime limited warranty

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