

# T-30XX MM CWDM MUX/DEMUX SERIES

## CWDM Multimode Multiplexers



Photo: T-3009 & 3016

## PRODUCT FEATURES

- Multiplexing of up to 16 channels on fiber pair
- Multimode fiber installations
- Compliant to ITU G.694.2 and G.695
- 1U Low profile modular design
- Passive, no electric power required. (MTBF ca. 500 years)

## OVERVIEW

Smartoptics T-30xx-xyyzz Multimode CWDM Mux/Demux modules are protocol transparent units ideal for use on multimode fiber, when single mode is unavailable. Protocol transparent and suited to 10/1G Ethernet, 16/8/4/2/1G FC, SDH/SONET, Video, CATV, FTTx applications.

## ORDERING INFORMATION


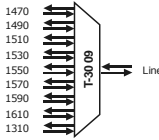

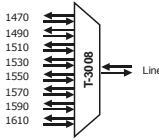
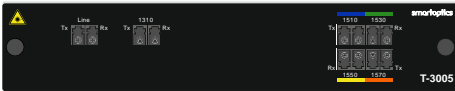
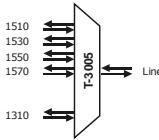
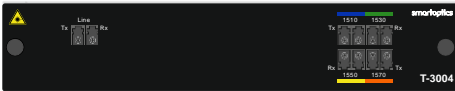
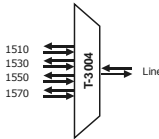
Part Number	Description
T-3009-xyyzz	8 ch. CWDM Mux/Demux, C47-C61, IL Link=5.4dB, 1310nm expansion port, LC, MM fiber support
T-3008-xyyzz	8 ch. CWDM Mux/Demux, C47-C61, IL Link=4.6dB, LC, MM fiber support
T-3005-xyyzz	4 ch. CWDM Mux/Demux, C51-C57, IL Link=3.8dB, 1310nm expansion port, LC, MM fiber support
T-3004-xyyzz	4 ch. CWDM Mux/Demux, C51-C57, IL Link=3.0dB, LC, MM fiber support

**Note:**  
All modules are ½ size mounting units and require 19" mounting bracket sold separately

Subject to change without notice.

For more information visit [smartoptics.com](http://smartoptics.com).

GENERAL SPECIFICATIONS

Front View	Function	Specification
<p>T-3009-xyyzz</p> 		<p>8 channel CWDM Mux/Demux, 1310nm expansion port</p> <p>C47, C49, C51, C53, C55, C57, C59, C61 + 1310 nm</p> <p>IL Link: &lt;5.4 dB</p> <p>IL Link @ 1310 nm: &lt;2.0 dB</p>
<p>T-3008-xyyzz</p> 		<p>8 channel port, CWDM Mux/Demux</p> <p>C47, C49, C51, C53, C55, C57, C59 &amp; C61</p> <p>IL Link: &lt;4.6 dB</p>
<p>T-3005-xyyzz</p> 		<p>4 channel CWDM Mux/Demux, 1310nm expansion port</p> <p>C51, C53, C55, C57 + 1310 nm</p> <p>IL Link: &lt;3.8 dB</p> <p>IL Link @ 1310 nm: &lt;2.0 dB</p>
<p>T-3004-xyyzz</p> 		<p>4 channel CWDM Mux/Demux</p> <p>C51, C53, C55, C57</p> <p>IL Link: &lt;3.0 dB</p>

The MM T-Series can be optimized to support different MM scenarios. Following selection criteria can be set:

- xx = MM or SM      Defines the fiber type used for the multiplexer section
- yy = MM            Demultiplexer section must be MM
- zz = 50 or 62      Defines fiber type OM3=50 or OM1=62