T-SF-OADMx-x CWDM OADM SERIES
CWDM, SINGLE FIBER, OADMs

PRODUCT FEATURES
- Add & Drop / Add or Drop.
- Compliant to ITU G.694.2 and G.695
- Passive 1U modular design
- No electric power required. (MTBF ca. 500 years)

OVERVIEW
Smartoptics T-SF-OADMx-x CWDM Optical Add Drop Multiplexer (OADM) units for use with a single strand of fiber. 1 or 2 channel modules are available. Can be used in a line terminating “east or west” configuration or “east and west” in a drop and continue configuration. Protocol transparent and suited to 10/1G Ethernet, 16/8/4/2/1G FC, SDH/SONET, Video, CATV, FTTx applications.

ORDERING INFORMATION

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>SF CWDM East or West OADM</td>
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<tr>
<td>T-SF-OADM1-x-LT</td>
<td>1 ch CWDM OADM, single fiber, East or West, IL A/D=1.0dB, IL BP=1.2dB, LC</td>
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<tr>
<td>T-SF-OADM2-x-LT</td>
<td>2 ch CWDM OADM, single fiber, East or West, IL A/D=1.6dB, IL BP=1.8dB, LC</td>
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<tr>
<td>CWDM East and West OADM</td>
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</tr>
<tr>
<td>T-OADM1-x</td>
<td>1 ch CWDM OADM, single fiber, East and West, IL A/D=1.6dB, IL BP=1.8dB, LC</td>
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<tr>
<td>T-OADM2-x</td>
<td>2 ch CWDM OADM, single fiber, East and West, IL A/D=2.2dB, IL BP=1.8dB, LC</td>
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</tbody>
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Example:
T-SF-OADM2-2-LT | 2 ch CWDM OADM, single fiber, East or West, C55, C57, C59, C61, IL=1.8dB, LC

Note:
All modules are ½ size mounting units and require 19” mounting bracket sold separately.
## GENERAL SPECIFICATIONS

### SF CWDM OADM East or West

<table>
<thead>
<tr>
<th>Function</th>
<th>Specification</th>
</tr>
</thead>
</table>
| T-SF-OADM1-x-LT | 1 channel OADM (East or West)  
  x=1: 4749  
  x=2: 5153  
  x=3: 5557  
  x=4: 5961  
  IL bypass channel: <1.2dB  
  IL add/drop channel: <1.0dB |
| T-SF-OADM2-x-LT | 2 channel, OADM (East or West)  
  x=1: 47495153  
  x=2: 55575961  
  IL bypass channel: <1.8dB  
  IL add/drop channel: <1.6dB |

### East and West CWDM OADMs

<table>
<thead>
<tr>
<th>Function</th>
<th>Specification</th>
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</thead>
</table>
| T-SF-OADM1-x | 1 channel OADM (East & West)  
  x=1: C47  
  x=2: C49  
  x=3: C51  
  x=4: C53  
  x=5: C55  
  x=6: C57  
  x=7: C59  
  x=8: C61  
  IL bypass channel: <1.8dB  
  IL add/drop channel: <1.6dB |
| T-SF-OADM2-x | 2 channel, OADM (East & West)  
  x=1: C47 & C49  
  x=2: C51 & C53  
  x=3: C55 & C57  
  x=4: C59 & C61  
  IL bypass channel: <3.0dB  
  IL add/drop channel: <2.2dB |