Platinum OEM Series PSFP-MR2B59K120 is a Cisco Compatible Single Fiber BiDirectional SONET OC-48 / STM-16 SFP transceiver designed for long distance optical communications up to 120 km with signaling rates up to 2.67Gbps.

OptoSpan Platinum OEM Series 2.67Gbps Single Fiber BiDirectional (BiDi) optical transceivers have undergone rigorous qualification and certification testing to provide End-to-End Compatibility using switching equipment from CISCO, BROCADE, JUNIPER, ALCATEL, HP (select models), NORTEL, EMC, QLOGIC and other OEMs.

All OptoSpan Platinum OEM Series long-reach SFP s are ROHS compliant, allow for real-time diagnostic monitoring as per SFF-8472 and designed to meet Multi-Source Agreement (MSA) standards for Single Fiber BiDirectional (BiDi) transceivers with LC interface.

Optical Budget Calculation for 120 km Platinum OEM SFP Optical Transceiver

<table>
<thead>
<tr>
<th>PSFP-MR2B59K120</th>
<th>Distance: 120 km</th>
<th>Fiber: 1590Tx-1510Rx</th>
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<tr>
<td></td>
<td>Tx Min dBm</td>
<td>Tx Max dBm</td>
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<tr>
<td>Optical Calculation Results</td>
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## General Specifications

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<tr>
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<td>Maximum Supply Voltage</td>
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<td>Storage Temperature</td>
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<td>Case Operating Temperature</td>
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## Electrical Characteristics

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<tbody>
<tr>
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<td>Input Differential Impedance</td>
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<tr>
<td><strong>Receiver</strong></td>
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<td>LOS Assert</td>
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### Laser Safety

# Platinum OEM Series

## SFP Single Fiber 120 km transceiver | Cisco Compatible 2G ZX SONET OC-48 / STM-16

### PIN Layout

<table>
<thead>
<tr>
<th>Pin</th>
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<tr>
<td>1</td>
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<tr>
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<td>Tx_Fault</td>
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- **Towards Bezel**: Pin 1 to Pin 9
- **Towards ASIC**: Pin 10 to Pin 20

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**OptoSpan.com (sales@optospan.com) Page |4**

**REV:<8/9/2016>**
<table>
<thead>
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<td>Transmitter Fault Indication</td>
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