



# Cisco ONS 15454 Power Specifications

[TAC Notice: What's Changing on TAC Web](#)

Document ID: 13551

## Contents

- [Introduction](#)
- [Prerequisites](#)
- [Requirements](#)
- [Components Used](#)
- [Conventions](#)
- [Power Specifications Table](#)
- [NetPro Discussion Forums - Featured Conversations](#)
- [Related Information](#)

## Introduction

This document provides the power specifications for the Cisco ONS 15454 Multiservice Provisioning Platform (MSPP).

## Prerequisites

### Requirements

There are no specific requirements for this document.

### Components Used

The information in this document is based on the Cisco ONS 15454 MSPP.

The information in this document was created from the devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. If your network is live, make sure that you understand the potential impact of any command.

### Conventions

#### Help us help you.

**Please rate this document.**

- Excellent
- Good
- Average
- Fair
- Poor

**This document solved my problem.**

- Yes
- No
- Just browsing

**Suggestions for improvement:**

(256 character limit)

Refer to [Cisco Technical Tips Conventions](#) for more information on document conventions.

## Power Specifications Table

Card	Approximate Power Consumption			Fiber Light Levels	
	AMPS	Watts	BTU per Hour	Rx Level	Tx Level
Max. Draw w/ Cards	22.63	1088.64	3714.59		
FAN TRAY: FTA2	1.21	58.00	198.00		
FAN TRAY: FTA3-T	1.98	95.00	324.00		
XC	0.28	13.00	46.00		
XCVT	0.72	34.40	117.46		
XC10G	1.64	78.60	268.40		
TCC	0.20	9.82	33.53		
TCC+	0.20	9.82	33.53		
AIC	0.12	6.01	20.52		
AIC-I	0.17	8.00	27.30		
DS1-14	0.26	12.60	43.02		
DS1N-14	0.26	12.60	43.02		
DS3-12E	0.79	38.20	130.43		
DS3N-12E	0.79	38.20	130.43		
DS3XM-6	0.42	20.00	68.00		
EC1-12	0.76	36.60	124.97		
E100T-G	1.35	65.00	221.93		
E1000-2-G incl. GBICs	1.11	53.50	182.67		
G1000-4 incl. GBICs	1.31	63.00	215.11	Max - Min	Max - Min
OC3IR4-1310	0.40	13.20	65.56	-8 to -28	-8 to -15

OC12IR-1310	0.23	10.90	37.22	-8 to -28	-8 to -15
OC12LR-1310	0.25	9.28	41.00	-8 to -28	+2 to -3
OC12LR-1550	0.19	9.28	31.68	-8 to -28	+2 to -3
OC12IR4-1310	0.58	28.00	100.00	-8 to -30	-8 to -15
OC48IR-1310 High Speed	0.67	32.20	109.94	0 to -18	0 to -5
OC48LR-1550 High Speed	0.56	26.80	91.50	-8 to -28	+3 to -2
OC48IR-1310 Any Slot	0.77	37.20	127.01	0 to -18	0 to -5
OC48LR-1550 Any Slot	0.77	37.20	127.01	-8 to -28	+3 to -2
OC48ELR-ITU 100GHz	0.65	31.20	106.53	-9 to -27	0 to -2
OC48ELR-ITU 200GHz	0.65	31.20	106.53	-8 to -28	0 to -2
OC192LR-1550	1.50	72.20	246.52	-10 to -19	+10 to +7

## NetPro Discussion Forums - Featured Conversations

Networking Professionals Connection is a forum for networking professionals to share questions, suggestions, and information about networking solutions, products, and technologies. The featured links are some of the most recent conversations available in this technology.

NetPro Discussion Forums - Featured Conversations for Optical
Service Providers: Optical Networking
<a href="#">How to make optical connectivity between Catalyst 4948 and 10K router ?</a> - Jul 3, 2006
<a href="#">Cisco 15454 MSTP - Acceptable error loss</a> - Jun 30, 2006
<a href="#">ONS 15454 MSTP Client Connection Options</a> - Jun 29, 2006
<a href="#">Dual Ring Capabilty for ONS 15454 MSTP</a> - Jun 26, 2006
<a href="#">Frame support of E1000-2 card for 15454</a> - Jun 22, 2006
Service Providers: Metro

[xconnect and l2tp](#) - Jul 3, 2006  
[MTU 1500](#) - Jul 3, 2006  
[Q in Q and ?MPLS](#) - Jun 30, 2006  
[Sup 720 question](#) - Jun 30, 2006  
[Q-in-Q sample config](#) - Jun 30, 2006

---

## Related Information

- [Cisco ONS 15454 Product Catalog](#)
  - [Product Overview: Cisco ONS 15454](#)
  - [Data Sheet: Cisco ONS 15454 Ethernet Interface Cards](#)
  - [Data Sheet: Cisco ONS 15454 TCC+ Card](#)
  - [Technical Support & Documentation - Cisco Systems](#)
- 

<a href="#">Home</a>	<a href="#">How to Buy</a>	<a href="#">Login</a>	<a href="#">Profile</a>	<a href="#">Feedback</a>	<a href="#">Site Map</a>	<a href="#">Help</a>
----------------------	----------------------------	-----------------------	-------------------------	--------------------------	--------------------------	----------------------

All contents are Copyright © 1992-2006 Cisco Systems, Inc. All rights reserved. [Important Notices](#) and [Privacy Statement](#).

---

Updated: Jun 29, 2006

Document ID: 13551

---