



Infinera DTN

Site Preparation and Hardware Installation Guide

Release 1.2

Revision A

Product Order No. DTN-ING-1.2-A

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Infinera DTN and Infinera Optical Line Amplifier Regulatory Compliance

FCC Class A

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Modifying the equipment without Infinera's written authorization may result in the equipment no longer complying with FCC requirements for Class A digital devices. In that event, your right to use the equipment may be limited by FCC regulations, and you may be required to correct any interference to radio or television communications at your own expense.

DOC Class A

This digital apparatus does not exceed the Class A limits for radio noise emissions from digital apparatus as set out in the interference-causing equipment standard titled "Digital Apparatus," ICES-003 of the Department of Communications.

Cet appareil numérique respecte les limites de bruits radioélectriques applicables aux appareils numériques de Classe A prescrites dans la norme sur le matériel brouilleur: "Appareils Numériques," NMB-003 édictée par le Ministère des Communications.

Warning

This is a class A product. In a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures.

FDA

This product complies with the DHHS Rules 21 CFR Subchapter J, Section 1040.10, applicable at date of manufacture.

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About this Document

This chapter provides an overview of the *DTN Site Preparation and Hardware Installation Guide* in the following sections:

- “Objective” on page ix
- “Audience” on page ix
- “Document Organization” on page x
- “Related Documentation” on page xi
- “Conventions” on page xi
- “Technical Assistance” on page xii

Objective

This guide provides detailed procedures for installing the Infinera® DTN (referred to as the DTN) and the Infinera Optical Line Amplifier network elements.

Audience

This guide is written for field installation personnel responsible for the installation of Infinera DTN and Optical Line Amplifier network elements. This guide assumes that the reader is familiar with:

- Basic concepts in handling telecommunications equipment
- Electrostatic Discharge (ESD) phenomena and the effect it has on electronic components and circuitry
- Basic safety procedures for working with electrical, electronic, and optical systems and equipment

Document Organization

The following tables lists and describes the chapters within this guide.

Chapter	Description
CHAPTER 1 - "Observing Safety Procedures"	Provides safety procedures to follow while installing the Infinera DTN and Optical Line Amplifier network elements.
CHAPTER 2 - "Preparing for Installation"	Provides site preparation information and considerations for installing the Infinera DTN and Optical Line Amplifier network elements.
CHAPTER 3 - "Installing the Infinera DTN"	Provides detailed procedures for installing Infinera DTN network elements.
CHAPTER 4 - "Installing the Infinera Optical Line Amplifier"	Provides detailed procedures for installing Infinera Optical Line Amplifier network elements.
CHAPTER 5 - "Installing the Dispersion Management Chassis"	Provides detailed procedures for installing an Infinera Dispersion Management Chassis (DMC) on Infinera DTN and Optical Line Amplifier network elements.
Appendix A - "Acronyms"	Provides a list of acronyms and their definitions used in Infinera Technical Publications.

Related Documentation

For other information about the Infinera DTN and Optical Line Amplifier network elements, refer to the documents listed in the following table.

Document	Document Order Number	Description
<i>Infinera DTN Hardware Description</i>	DTN-HWG-1.2-A	Provides a detailed description of the Infinera DTN and Optical Line Amplifier hardware modules, including functional diagrams, status indicator information, and technical specification for each module.
<i>Infinera DTN Turn-up and Test Guide</i>	DTN-TTG-1.2-A	Provides the procedure for turning up and testing the Infinera DTN and Optical Line Amplifier network elements as well as the individual components.
Site Survey Note that this document is not a part of the Infinera Technical Publications suite. You must obtain this from a Infinera Corporation Service and Support resource.	See “Technical Assistance” on page xii for contact information.	Presents a generic site survey method and procedures to use for customer site surveys. The completed site survey form is used to produce detailed site drawings and to order all installation related equipment.

Conventions

The following table lists the document conventions used within this guide.

Convention	Item	Example
Note: _____ _____	Means <i>reader take note</i> . Notes contain helpful suggestions or reference to materials not covered in the guide.	Note: _____ Two ground points are also located toward the front sides of the chassis. _____

Refer to [“Notational Conventions” on page 1-2](#) in [CHAPTER 1: “Observing Safety Procedures”](#) for conventions used in precautionary messages.