



# ***Infinea***

## *Fiber Optic Options*

### Fiber Optic Module Installation Guide



#### **Magenta Research**

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# Introduction

## Overview

The Magenta Infinea™ Series extends DVI video signals over ordinary Category 5 cable or fiber optic single mode and multi mode cable.

The base units will extend video over Cat5/6 cable. Fiber optic modules are required for use with single mode or multimode fiber cable. These are sold separately and must be purchased as a kit.

This manual covers the Magenta Infinea™ installation of fiber optic modules for the transmitter and receivers. Only Magenta supplied Fiber Optic assemblies are supported. Non-Magenta supplied assemblies will not function.

Please reference the Infinea User Manual for more information on the setup, and operation of Infinea transmitters and receivers.

## Fiber Optic Options

The following table lists the various fiber optic options available:

**Table 1**

Transmitter and Daisy Chain receiver output Module part numbers:

<u>Module Type</u>	<u>Kit Part number</u>	<u>Bail color*</u>	<u>Module Part Number**</u>
Single Mode Fiber:	2211062-01	Violet	9500002-01
Multi Mode Fiber:	2211063-01	Black	9500004-01

Receiver input module part numbers:

<u>Module Type</u>	<u>Kit Part number</u>	<u>Bail color*</u>	<u>Module Part Number**</u>
Single Mode Fiber:	2211062-01	Blue	9500001-01
Multi Mode Fiber:	2211063-01	Black	9500003-01

\*Bail Color refer to the bailing handle color code and identifies the module type.

\*\*Labels on each unit show the Module Part Number.

Note that Single Mode Fiber modules require a single LC fiber and Multi Mode Fiber modules require 2 LC fibers

On Daisy Chain receivers, modules can be mixed. For example a single mode module can be used as the input and a multi mode module or the UTP output can be used on the daisy chain out (note that the destination receiver must use the same type of connection).

## Setup and Installation

### Installing Fiber Optic module assemblies.

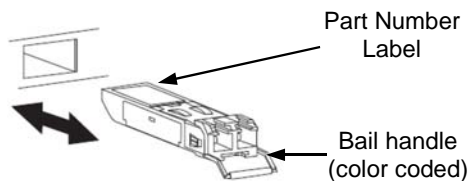
To install the Infinia Fiber Optic Modules, follow the instructions and reference figures below:

- 1) Verify (via part number and color coding) that the correct module has been ordered for the particular receiver or transmitter unit. Reference Table 1.
- 2) Remove module from packaging.
- 3) Gently insert module into cage opening until an audible click is heard
- 4) Check for secure installation by gently pulling on module to ensure it has locked into place. Bail should be in the upright locked position
- 5) Rubber plug should only be removed when the LC cable connection is made.

To remove modules:

- 1) Remove LC cable from assembly or protective rubber plug if installed.
- 2) Gently pull the bail forward and down to release module from cage opening
- 3) Pull module slowly and carefully out of cage.
- 4) Store in original packaging.

### Fiber Optic Module Assembly:



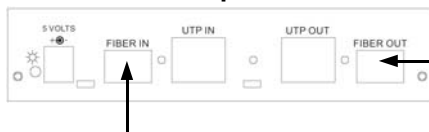
### Transmitter Fiber Options:



Supported Modules:

- Single Mode Fiber: Violet, PN 9500002-01
- Multi Mode Fiber: Black, PN 9500004-01

### Receiver Fiber Options:



Supported Daisy Chain Output Modules:

- Single Mode Fiber: Violet, PN 9500002-01
- Multi Mode Fiber: Black, PN 9500004-01

Supported Input Modules:

- Single Mode Fiber: Blue, PN 9500001-01
- Multi Mode Fiber: Black, PN 9500003-01



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