

# Fiber Timing Cassettes and Chassis

## Components

## Overview

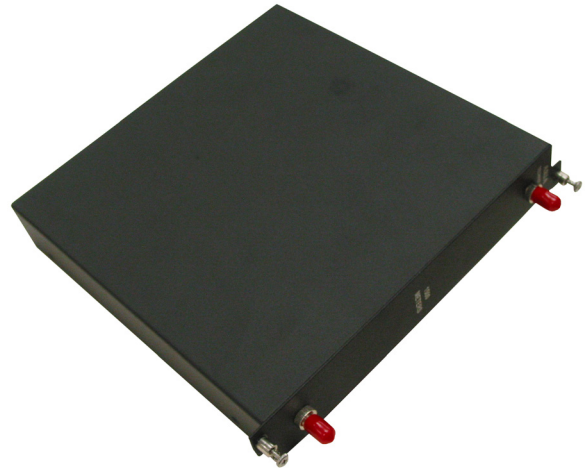
Fiber timing cassettes, also known as tuning spool cassettes, provide any fiber optic network segment with additional fiber length for timing purposes.

ARIA fiber timing cassettes feature a rugged cassette construction that protects the internal fiber reel.

ARIA's fiber timing cassettes can be mounted into a rack system with a 1RU or 6RU chassis.

The rack mountable chassis holds up to 2 cassettes in 1RU and up to 10 cassettes in 6RU.

Custom enclosure designs, fiber lengths, and fiber types are available upon request.



## Features

- 100% of the connectors are visually inspected at 400x magnification.
- One-year warranty on all assemblies.
- Tested for insertion loss and back-reflection (test results available upon request).
- Insertion Loss is determined by configuration (fiber type and length).
- Fiber lengths are available in standard increments of 100 meters.



Interior view of cassette and fiber reel

## Specifications

Parameter	Value
<b>Operating Wavelength</b>	550nm for Singlemode or 850nm for Multimode
<b>Operating Temperature</b>	-40°C to +80°C
<b>Fiber Type</b>	Singlemode (8.3/125µm), Multimode (62.5/125µm, or Multimode 50/125µm)
<b>Maximum Fiber Length per Cassette</b>	3000 Meters
<b>Connector Insertion Loss</b>	0.20dB Typical / 0.35dB Maximum for ST, SC, or FC Connectors

## Mounting Options



1RU chassis holds up to 2 cassettes



6RU chassis holds up to 10 cassettes