COHERENT INC Form SC 13G/A February 09, 2009

#### **UNITED STATES**

#### SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

# **SCHEDULE 13G**

**Under the Securities Exchange Act of 1934** 

(Amendment No. 5)\*

COHERENT INC
(Name of Issuer)
Common Stock

(Title of Class of Securities)

192479103

(CUSIP Number)

December 31, 2008

#### (Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:
x Rule 13d-1(b)
"Rule 13d-1(c)
"Rule 13d-1(d)
* The remainder of this cover page shall be filled out for a reporting person, s initial filing on this form with respect to the subject class of

The remainder of this cover page shall be filled out for a reporting person s initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be filed for the purpose of Section 18 of the Securities Exchange Act of 1934 ( Act ) or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

#### CUSIP No. 192479103

1.	Names of Reporting Persons.
	I.R.S. Identification Nos. of above persons (entities only).
2.	Dimensional Fund Advisors LP (Tax ID: 30-0447847) Check the Appropriate Box if a Member of a Group (See Instructions)
	(a) "
	(b) x
3.	SEC Use Only
4.	Citizenship or Place of Organization
	Delaware Limited Partnership 5. Sole Voting Power
Nun	nber of
Shar	res
Ben	eficially 2019154 **see Note 1**
Owr	6. Shared Voting Power ned by
Eacl	h
Rep	orting
Pers	0 on 7. Sole Dispositive Power
With	h
-	
	2062314 **see Note 1** 8. Shared Dispositive Power

9. Aggregate Amount Beneficially Owned by Each Reporting Person

### 2062314 \*\*see Note 1\*\*

0

10. Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)

### N/A

11. Percent of Class Represented by Amount in Row (9)

#### 8.47%

12. Type of Reporting Person (See Instructions)

IA

		Edgar Filing: COHERENT INC - Form SC 13G/A					
Item 1.							
	(a)	Name of Issuer					
		COHERENT INC					
	(b)	Address of Issuer s Principal Executive Offices					
	(0)	Address of Issuer 31 Thierpar Executive Offices					
Item 2.		5100 Patrick Henry Dr, Santa Clara, CA 95054-1112					
item 2.	(a)	Name of Person Filing					
		Dimensional Fund Advisors LP					
	<b>(b)</b>						
	(b)	Address of Principal Business Office or, if none, Residence					
		Palisades West, Building One, 6300 Bee Cave Road, Austin, Texas, 78746					
	(a)	Citizenship					
	(c)	Citizensinp					
		Delaware Limited Partnership					
	(d)	Title of Class of Securities					
	( )						
		Common Stock					
	(e)	CUSIP Number					
		192479103					
Item 3.	If th	is statement is filed pursuant to §§240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:					
	(a)	" Broker or dealer registered under section 15 of the Act (15 U.S.C. 78o).					
	(b)	" Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c).					
	(c)	" Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c).					
	(d)	" Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C 80a-8).					
	(e)	x An investment adviser in accordance with §240.13d-1(b)(1)(ii)(E);					
	(f)	" An employee benefit plan or endowment fund in accordance with \$240.13d-1(b)(1)(ii)(F);					
	(g)	" A parent holding company or control person in accordance with § 240.13d-1(b)(1)(ii)(G);					
	(h)	" A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);					
	(i)	" A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940 (15 U.S.C. 80a-3);	.t				

 $\label{eq:conditional} \text{(j)} \qquad \text{Group, in accordance with } \S 240.13 \text{d-1(b)} (1) \text{(ii)} \text{(J)}.$ 

### Item 4. Ownership.

Provide the following information regarding the aggregate number and percentage of the class of securities of the issuer identified in Item 1.

(a) Amount beneficially owned:

2062314 \*\*see Note 1\*\*

(b) Percent of class:

8.47%

(c) Number of shares as to which the person has:			ber of shares as to which the person has:
		(i)	Sole power to vote or to direct the vote:
			2019154 **see Note 1**
		(ii)	Shared power to vote or to direct the vote:
		(11)	
			0
		(iii)	Sole power to dispose or to direct the disposition of:
			2062314 **see Note 1**
		(iv)	Shared power to dispose or to direct the disposition of:
		(11)	Similar power to dispose of to direct the disposition of
			0
of 1940, for investmen Funds. described Funds. Ho In addition	arnishes in t manager In its role a in this sche wever, all n, the filing	vestmento cer as invedule secur of th	Fund Advisors LP ( Dimensional ), an investment advisor registered under Section 203 of the Investment Advisors Act ent advice to four investment companies registered under the Investment Company Act of 1940, and serves as tain other commingled group trusts and separate accounts. These investment companies, trusts and accounts are the estment advisor or manager, Dimensional possesses investment and/or voting power over the securities of the Issuer that are owned by the Funds, and may be deemed to be the beneficial owner of the shares of the Issuer held by the ities reported in this schedule are owned by the Funds. Dimensional disclaims beneficial ownership of such securities. is Schedule 13G shall not be construed as an admission that the reporting person or any of its affiliates is the curities covered by this Schedule 13G for any other purposes than Section 13(d) of the Securities Exchange Act of
Item 5.	Ownershi	p of l	Five Percent or Less of a Class
			led to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than securities, check the following [ ].
Item 6.	Ownershi	p of l	More than Five Percent on Behalf of Another Person.
	from the	sale o	cribed in Note 1 above have the right to receive or the power to direct the receipt of dividends from, or the proceeds f, the securities held in their respective accounts. To the knowledge of Dimensional, the interest of any one such Fund d 5% of the class of securities. Dimensional disclaims beneficial ownership of all such securities.
Item 7.	Identifica or Contro		and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company son.
	N/A		
Item 8.	Identifica	tion a	and Classification of Members of the Group
	N/A		

Item 9.

Item 10.

N/A

Certification

Notice of Dissolution of Group

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

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After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

DIMENSIONAL FUND ADVISORS LP
February 9, 2009
Date
By: Dimensional Holdings Inc., General Partner
/s/ Christopher Crossan
Signature
Global Chief Compliance Officer
Title