



DIVISION OF  
CORPORATION FINANCE

UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, D.C. 20549

February 27, 2018

James Moylan, Jr.  
Senior Vice President and Chief Financial Officer  
Ciena Corporation  
7035 Ridge Road  
Hanover, MD 21076

**Re: Ciena Corporation**  
**Form 10-K for the Fiscal Year Ended October 31, 2017**  
**Filed December 22, 2017**  
**File No. 001-36250**

Dear Mr. Moylan:

We have completed our review of your filing. We remind you that the company and its management are responsible for the accuracy and adequacy of their disclosures, notwithstanding any review, comments, action or absence of action by the staff.

Division of Corporation Finance  
Office of Telecommunications

cc: Erik J. Lichter