

June 22, 2026

## **GRANOPT to Triple Faraday Rotator Production Capacity by Fiscal 2027**

**Meeting Growing Demand for Optical Communications Driven by Generative AI**

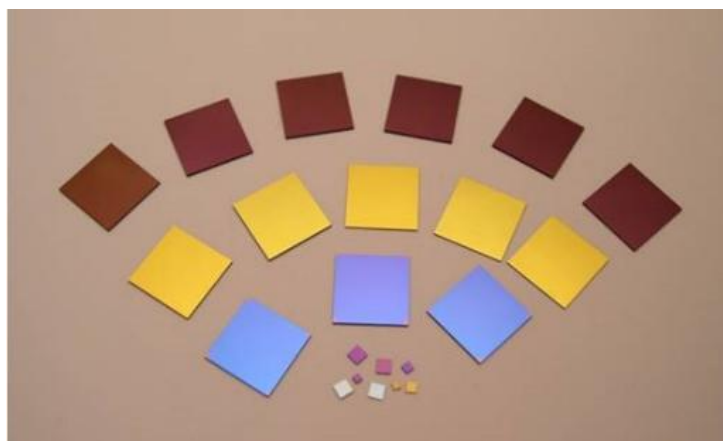
Sumitomo Metal Mining Co., Ltd. (TSE: 5713) and Mitsubishi Gas Chemical Company, Inc. (TSE: 4182) are pleased to announce that GRANOPT Co., Ltd., their joint venture, has decided to triple its production capacity for Faraday rotators by the fiscal year ending March 31, 2028 (FY2027) compared with FY2025.

GRANOPT is currently working to expand production capacity at its second plant, which commenced operations in FY2024. By further improving the operating rate and production efficiency of the plant's existing production lines, the company aims to meet growing demand.

In recent years, the rapid expansion of generative AI, cloud services, and video streaming services has led to a significant increase in data traffic. As a result, optical communication technologies that enable the high-speed, stable transmission of large volumes of data are becoming increasingly important.

Faraday rotators are materials that control the polarization direction of light and are used in optical isolators and other optical components. In optical communication systems, even slight reflections and noise can affect communication quality. Accurate control of light using Faraday rotators therefore contributes to the stable operation of optical communication equipment.

GRANOPT will continue to contribute to the realization of an advanced information and communications society by supplying high-quality products that support optical communications.



Faraday rotators produced at GRANOPT



Equipment at GRANOPT's second plant for inspecting the optical properties of Faraday rotators

[About GRANOPT Co., Ltd.]

Name: GRANOPT Co., Ltd.

Location: 4-4 Ougibuchi, Ougida, Noshiro-shi, Akita, Japan

Representative: President and Representative Director Hiroshi Matsumoto

Incorporated on: April 1, 2005

Business description: Manufacture and sale of Faraday rotators

Capital: 150 million yen

Investment ratio: Sumitomo Metal Mining Co., Ltd. 51%, Mitsubishi Gas Chemical Company, Inc. 49%

### **Media Contact**

Public Relations and Investor Relations Department, Sumitomo Metal Mining Co., Ltd.

Please contact from the inquiry form: <https://www.smm.co.jp/en/contact/>