

June 6th, 2021

Auxora Introduces Passive Optical Sub-Assembly (POSA)

Duarte, CA — Auxora Inc (A company of TFC Telecommunication), a leading provider of optical thin film filter (TFF) related products, announced the release of the POSA (Passive Optical Sub-Assembly) product family.

POSA product family consists of multiple configurations, including POSA-CT (CWDM Tx), POSA-CR (CWDM Rx), POSA-LT (LWDM Tx) and POSA-LR (LWDM Rx) etc. POSA product family offers the advantages of low insertion loss, high isolation, less temperature dependency.

“With the fast deployment of high capacity intra-connections and inter-connections in data centers, there is an increasing demand for 400Gb/s and 800Gb/s data rate capacity. However, single channel (wavelength) electrical modulated 400Gb/s is very expensive, let alone pre-mature single channel 800Gb/s modulation. TFF (Thin Film Filter) based CWDM and LWDM filter block technology provide a more mature and cost-effective solution”, said Jinghui Li, President at Auxora. “Auxora’s POSA product family draws a lot of attention among the DCI (Data Center Intra or Inter-connection) customers”.

POSA product family has leveraged Auxora’s expertise in optical thin film filter coating, filter block assembly as well as TFC’s expertise in receptacle. This is an ideal solution for customers who want to solve the problem of insertion loss and isolation for 400Gb/s and 800Gb/s.

About Auxora

Since 2000, Auxora has been a leader in passive optical solutions, serving customers worldwide in various markets; data centers, telecom/datacom, CATV, Bio-Photonics, high power laser mirrors, and advanced optics for automobiles. We are a vertically integrated manufacturer of optical thin film filter coatings, optical components, and modules. Auxora developed comprehensive technical platforms and processes - optical filter coating designs, manufacturing processes, post-coating pre-process treatment of the optical glass, micro-optical simulation and beam tracing, free-space high-density fabrication (design, alignment, assembly), auto and semi-auto component assembly and testing, high-precision mechanical design and stress analysis.

Contacts:

Sales

Greg Bawdon

Auxora

Phone: 626-303-8777 ext. 516

Email: sales@auxora.com