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40G CoaXPRESS OVER FIBER CABLE ASSY, 300 M

ELII, a member of the www.automate.org, is introducing an optical cable+transceiver capable to deliver 40G solution for the machine vision market. The cable+transceiver CoaXPRESS is registered by the JIIA (Japan Industrial Imaging Association), www.jiia.org. A PlugFest is scheduled.

The solution is based on a 40GBase-SR4 QSFP+850nm transceiver. The length of the cable is 300 meters. **A 400 meters solution is also available upon customer request.**

The cable assembly it meet the IEC 61300-3-35 and the RoHS 2.0 standard. The transceiver is compliant with SFF-8436 and SFF-8679, as well as the IEEE802.3ba.

We are planning on demonstrating the 300 meters solution connected to a compatible grabber board and camera in October 2024 during the Vision show in Stuttgart, Germany and in December 2024 in Yokohama, Japan. As well as at Photonics West in February 2025 in San Francisco, and Automate in May 2025 in Detroit.



QSFP+ = Quad SFP+ = 4 x SFP+
SFP module = Small Form-factor Pluggable module

- Compact network interface module used for data communication, for example Ethernet
- Widely used in data centers

40G MPO Cable Assy, 300 meters

40G MPO Transceiver

Euresys Grabber board

Part Numbers:

Transceiver P/N: ELII-EBS0A0 QSFP+ Multimode, 40G, 300m, 850nm, MPO interface

Transceiver P/N: ELII-EBS0A0 QSFP+ Multimode, 40G, 300m, 850nm, MTP interface (The same)

MPO to MPO Cable P/N: ELII-EBS0A1 MPO/UPC/F to MPO/UPC/F (female with B polarity, 300 meters)

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