



Webinar Questions & Answers. Corning Restricted.

- 1. In the Media Converters can you use generic SFP's?**
Corning has tested the Corning FMC using Corning SFPs. In the past we have seen performance / grounding issues with some generic SFPs.
- 2. It's possible to start projects in Europe? when we be able to this products? Do you already have all info for the projects?**
Products are available for use in Europe. Actifi cables are currently limited to 2 versions as per the presentation delivered during the webinar. We fully understand the need for prompt delivery times, especially for contractors who cannot afford to wait for long lead times to order. This is why we are continuously working to ensure our inventory is locally available at distribution points for quicker and more efficient access. We appreciate your patience and understanding as we are making every effort to improve our services and meet your needs promptly.
- 3. Do such tracts fall under system certification?**
We typically do not include the actives in the full system certification, just the passive which will be the cable. Actives get standard warranties.
- 4. Do you have a chart for these distances?**
See details in the brochure [here](#).
- 5. Do the media converters come with DIN rail mounting kits as standard?**
They do come standard with the DIN rail kits.
- 6. Can you achieve extended distances greater than 600m by implementing the V2 media converters?**
The answer to the distance supported is based on variable inputs: The total power required at the edge, the voltage required to be delivered to the FMC, the AWG of the conductors, the number of pairs of copper and ports (if used with aggregation).
- 7. When it says media converter we are referring to an industrial switch, either cisco, mirosens or lucent, how many copper ports do we have in the converter?**
One copper port per media converter.

8. **Do we have risk management on the remote unit about any error or trouble reaching the remote from the Master Unit?**

See Datasheets below for link status / fault light status meanings. FMC also has a powered fault contact (24V, 1A) which can be used to power a local alarm / status alert.

One Port Power Unit

<https://www.corning.com/catalog/coc/documents/solution-specifications/LAN-3180-A4-BEN.pdf>

16 and 32 Port Units

<https://www.corning.com/catalog/coc/documents/product-family-specifications/LAN-2901-A4-BEN.pdf>

9. **Is there any software to manage these media converters?**

No software required.

10. **What would the solution architecture look like with a through spliced ring topology in terms of extending power through the ring?**

If the ring architecture is fiber only, it would necessitate the utilization of an Intermediate Distribution Frame (IDF) location. This could be situated either within a building or housed in an outdoor NEMA rated box. The power could then be injected from this IDF location on the ring, thereby extending power through the ring. This approach ensures that the architecture remains versatile and adaptive, catering to the needs of the specific configuration.

11. **Can the media converters be managed remotely or monitored?**

While the FMC port is unmanaged, the FMC does have a 1A 24V contact available (located on pins 3,4). This powered contact can be used for annunciation – i.e. light / strobe.

In addition to this local fault contact, the V2 media converter also has two dipswitches on its face: (Backwards compatible with the first-generation FMC if both dipswitches are turned off):

- a. Watchdog dipswitch to reset the PoE power to the powered device if no traffic is passed for 300 seconds.
- b. Link Fault Pass-Through dipswitch provides a link status to the switch – i.e. if copper link goes down, the FMC will take the fiber link down.