The Entra® EEM210 is a stand-alone 10G EPON module that fits in new and existing nodes and supports global deployments. It offers two 10 Gb/s Ethernet Passive Optical Network (EPON) ports and two 10 Gb/s Ethernet uplinks, providing cable operators with a fiber-to-the-home (FTTH) solution using DOCSIS® provisioning over EPON (DPoE™). Managed by Vecima's Entra Access Controller, the EEM210 is a key part of the Entra 10G EPON portfolio.

## Highlights

- Fiber-to-the-home (FTTH) solution using DOCSIS provisioning over EPON (DPoE)

- 10G EPON module fits in new and existing nodes.

- Supports global deployments

- Two 10 Gb/s Ethernet Passive Optical Network (EPON) ports and two 10 Gb/s Ethernet uplinks.

- Can be deployed together with SF-4X, EXS1610 on the same Entra Access Controller

- Interoperable with Vecima Entra EN9000, Entra EN8400, and other third-party nodes.

## Specifications

| Dimensions | |
|---|---|
| Height | 62 mm (2.5 in) |
| Width | 164 mm (6.5 in) |
| Depth | 193 mm (7.6 in) |
| Weight | 1.3 Kg (2.8 lbs) |

| Operating Environment | |
|---|---|
| Temperature | -40 to  60 ℃ (-40 to 140 ℉) |
| Relative Humidity (operational) | 5% to 95%, noncondensing |
| Altitude | -196 to 13,123 ft (-60 to 4,000 m) |

| Mounting Options |
|---|
| Node-specific adapter kit (with included captive mounting screws) |

| Power Requirements & Interfaces | |
|---|---|
| Power | 25V +/- 5%<br>1.8 A typical, 2.2 A max<br>45 W typical, 55 W max |
| Interfaces | 2 ports of 10Gb/s EPON for subscriber access<br>2 ports of 10 Gb/s for uplinks |

| Supported XFP Optical Modules for PON |
|---|
| Turbo EPON, 10G EPON type 4 |

| Supported SFP+ Optical Modules for Uplinks |
|---|
| ER, LR, BX-D, ZR, CWDM, DWDM: ZR |

| Standards Compliance | |
|---|---|
| Safety | IEC  62638-1 |
| EMC | FCC Part 15B<br>ICES-003<br>EN55032<br>VCCI CISPR 32 |
| Environmental | RoHS |