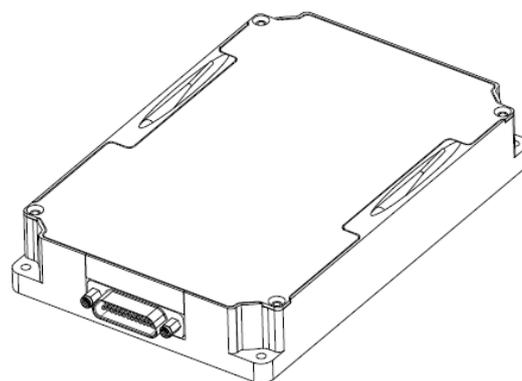


# Space Qualified EDFA

Model Number: **EDFA-CW-C0-VRS-30-30-FCA**

Product Code: **1605**



**Specifications:**

**Doc#: NP-TS-2562, Nov 29, 2023**

| Parameters                       | Specifications   |
|----------------------------------|--|
| Wavelength Range                 | 1540 – 1565 nm   |
| Input Power                      | -10 to +10 dBm   |
| Input Power Monitoring           | Included   |
| Gain                             | 30 dB nominal @ 0 dBm input  |
| Signal Output Power              | +30 dBm nominal @ 0 dBm input  |
| Input Power Monitoring           | -10 to +10 dBm   |
| Output Power Monitoring          | +10 dBm to +30 dBm   |
| Input / Output Fiber             | SMF-28, 1m length typical  |
| Input / Output Optical Connector | FC/APC   |
| Input / Output Isolator          | Provided   |
| Dimension                        | 120 x 80 x 20 mm   |
| DC Power Input                   | +5 VDC +/- 5%  |
| DC Power Consumption             | ≤ 14 W @ +50°C Case Temperature, output power +30 dBm                      |
| Operating Temperature            | -10 to +55 °C, vacuum operation, ≤ 7.5 x 10 <sup>-5</sup> torr (by design) |
| Control and Communication        | RS-232   |