



## 2.5G FEC Card

### Product Description

2.5G FEC bi-direction converter is equipped with FEC coding and decoding, specially designed for SDH STM-16/SONET OC-48 to improve power budget, OSNR and extend distance. Meanwhile, according to customer's need, SBS can be configured in it, cooperating with EDFA, 22dBm optical power output supported.

### Product Features

- High coding gain
- High integration
- High reliability
- Support 22dBm optical power output by built-in SBS

### Product Specification

| Parameter                 | Index                     |               |
|---------------------------|---------------------------|---------------|
|                           | FEC                       | FEC(SBS)      |
| Client side               | Output wavelength         | 1260~1360nm   |
|                           | Output optical power      | -10~-3dBm     |
|                           | Receiver wavelength       | 1260~1650nm   |
|                           | Receiver optical power    | -18~-3dBm     |
| Line side                 | Output wavelength         | 1550.12±0.4nm |
|                           | Output optical power      | -5~+7dBm      |
|                           | Receiver wavelength       | 1550.12±0.4nm |
|                           | Receiver optical power    | -28~-9dBm     |
| Dispersion tolerance      | 3200ps/nm                 | 1400ps/nm     |
| Coding gain               | 8dB@BER=10 <sup>-15</sup> |               |
| Card width                | 2 standard slots          |               |
| Maximum power consumption | 20W                       |               |
| Connector type            | LC/UPC                    |               |