RF Over Fiber Systems
Green OEM Link

RF over Fiber Link

- Single Tx or Rx
- 100 to 1000MHz
- Plug-in replacement for ViaLite Classic
- <1W (low power consumption)
- 87 x 46 x 19.6 mm with mounting plate
- For Wireless Cameras or Microphones

The Green OEM Link is a small RF over fiber OEM module, which is a plug-in replacement for the ViaLite Classic OEM and is available to cover ViaLite broadcast bands.

The Green OEM Link can be supplied in transmitter or receiver formats and is typically integrated into customer equipment. The link is available with either an SC, FC or E2000 optical connector and either an SMA or MCX RF connector. The 14-pin Molex header connector provides connection for Tx or Rx alarms and for connecting a power supply.

Mechanical Dimensions (mm)
RF Over Fiber Systems
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PRODUCT CONFIGURATOR

**HRT-V1-7B-3S1310 H**

- **Module Type**
  - R. Receiver
  - T. Transmitter

- **Electrical Connector**
  - 1: 500 SMA (standard)
  - 5: 500 MCX
  - 6: 750 MCX

- **Optical Connector**
  - 6: FC/APC
  - 7: E2000/APC (standard)
  - 8: SC/APC

- **Footprint**
  - B: standard
  - C: Vialite Classic footprint

- **LNA Feed Options**
  - 3: 1 x -11dB, R x +20dB
  - 4: No LNA feed
  - 5: 3 x -15dB, R x +15dB

- **Gain Options**
  - H: right angle 14-way molex header (standard)
  - Z: vertical 14-way molex header

- **Laser Wavelength**
  - 1310: 1310nm (standard)
  - 1550: 1550nm

**PARAMETER**

- **Dimensions**
  - With Classic adaptor plate: 87 x 46 x 19.6mm
  - With no adaptor plate: 77 x 40 x 15.6mm
  - With stand-offs and no adaptor plate: 77 x 40 x 20.6mm

- **Weight**
  - Transmitter: 60g
  - Receiver: 55g

- **Standard Operating temperature**
  - -10°C to +50°C

- **Extended temperature range**
  - -30°C to +60°C (-2dB link gain for temperatures outside of standard)

- **Humidity**
  - 0-95% non-condensing

- **Cooling**
  - Convection

- **Power consumption**
  - Transmitter: 1.1W
  - Receiver: 0.8W

- **DC Input voltage**
  - 11 to 13V, 12V nominal

- **Connector**
  - 14-pin Molex header connector (Power & Alarms)

- **RF module Types**
  - Transmitter or Receiver
  - Broadcast Band (V) (100-1000MHz)

**POPULAR PRODUCT**

- HRT-VI-8B-33-S1310 – Green OEM Transmitter (100-1000MHz) with 50 ohm SMA and SC/APC connector
- HRT-VI-6C-33-S1550 – Green OEM Transmitter (100-1000MHz) with 50 ohm SMA, FC/APC connector and Classic adaptor plate
- HRR-VI-7C-05 – Green OEM Receiver (100-1000MHz) with 50 ohm SMA, E2000APC connectors and Classic adaptor plate