RF over Fiber Link

- Single Tx or Rx
- Board mounted OEM
- Edge connector
- 65 x 40 x 15.6 mm
- All ViaLiteHD RF bands available
- Support modules also available

The Yellow OEM Link is a small board mounted RF over fiber OEM module, available in all ViaLiteHD RF bands and can be supplied in transmitter or receiver formats. It can be used within the ViaLiteHD Satcom6 outdoor enclosure or within customer equipment. The link is available with either an SC, FC or E2000 optical connector and either SMA or MCX RF connector. The 15-pin edge connector provides connection for serial data transmission (RS232, RS485 & TTL), Tx or Rx alarms, I2C setup using the ViaLiteHD Programming Kit (HRx-HD-DEV103) and for connecting a power supply.

Mechanical Dimensions (mm)
Product Configurator

**Module Type**
- R: Receiver (Optical in, RF out)
- T: Transmitter (RF in, optical out)

**Electrical Connector**
- T: SMA 2.92
- S: MCX, 50Ω
- B: MCX, 75Ω

**Module Package**
- N: Yellow OEM Link

**Nominal Gain (dB)**

**RX Photodiode**
- Blank: Standard

**Frequencies**
- L Band
- Wideband
- Ultra Wideband
- DVB

**General purpose**
- Extra Wideband

**Connector**
- DC Input
- Cooling
- Operating temperature
- Humidity
- Power consumption
- DC Input voltage
- Connector
- RF module Types

**Yellow OEM Link**
- Transmitter: 65 x 40 x 15.6 mm
  - Receiver: 65 x 40 x 12.1 mm
- Weight
- 60g
- 55g
- Operating temperature
- -10°C to +50°C
- 0-95% non-condensing
- Cooling
- Convection
- Power consumption
- Transmitter: 1.9W
  - Receiver: 1.3W
- DC Input voltage
- 11 to 13V, 12V nominal
- 15-pin edge connector
  (Power, Serial Data, Alarms & I2C programming)
- Transmitter or Receiver
  IF (B), DVB-T (O), GPS (G), L-Band HTS (L), General purpose (N&M), Wideband (S), Low Frequency Timing Link (T), Ultra Wideband (U&W), 1:1 Splitter, 1:1 Switch, Serial digital and Ethernet.

**Popular products**

**HRT-L1-8N-33-S1310** – Yellow OEM L-Band HTS (700-2450MHz) Transmitter with 50 ohm SMA and SC/APC connectors

**HRR-L1-8N-03** – Yellow OEM L-Band HTS (700-2450MHz) Receiver with 50 ohm SMA and SC/APC connectors

**HRT-G1-6N-10-S1310** – Yellow OEM GPS Transmitter, 50 ohm SMA and FC/APC connectors