RF over Fiber Link

- Single Tx or Rx
- External PSU
- Dustproof
- 89 x 46 x 20 mm
- All RF and digital modules available
- Supports 0-10km and 50km

The Blue OEM Link is a small, dustproof RF over fiber module which is available in all ViaLiteHD RF bands, in either transmitter or receiver formats. The link is available with SC or FC optical connectors and either SMA or MCX RF connectors. The 15 pin Molex single row connector provides connections for serial data transmission (RS232, RS485 & TTL), Tx or Rx alarms, I2C setup using the ViaLiteHD Programming Kit (HRx-HD-DEV103) and for connecting an external power supply (optional HPS-CS-3).

Mechanical Dimensions (mm)
**Product configurator**

**Popular products**

HRT-L1-8M-33-S1310 – Blue OEM Link L-Band (700-2450MHz) transmitter with 50 ohm SMA and SC/APC connectors
HRR-L1-8M-03 – Blue OEM Link L-Band (700-2450MHz) receiver with 50 ohm SMA and SC/APC connectors
HRT-G1-8M-60 – Blue OEM Link GPS transmitter with 50 ohm SMA and SC/APC connectors
HRR-G1-8M-66 – Blue OEM Link GPS receiver with 50 ohm SMA and SC/APC connectors

**Parameters**

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<th>Blue OEM Link</th>
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| **Dimensions** | With mounting bracket fitted: 89 x 60 x 21mm  
Without mounting bracket fitted: 89 x 46 x 20 mm |
| **Weight** | With mounting bracket fitted: 130g typical  
Without mounting bracket fitted: 112g typical |
| **Operating temperature** | -10°C to +50°C |
| **Humidity** | 0-95% non-condensing |
| **Cooling** | Convection |
| **Power consumption** | Transmitter: 1.9W  
Receiver: 1.3W |
| **DC Input voltage** | 11 to 13V, 12V nominal |
| **Connector** | 15 pin header (male) Molex (C-Grid III), single row  
(Power, Serial Data, Alarms & I2C programming) |
| **Power supply compatibility** | HPS-CS-3 |
| **RF module types** | Transmitter or Receiver  
IF (B), DVB-T (D), GPS (G), L-Band HTS (L), General purpose (N&M), Wideband (S), Low Frequency Timing Link (T), Ultra Wideband (U&W) |