RF Over Fiber Systems
Blue OEM Link

RF over Fiber Link
• Single Tx or Rx
• External PSU
• Dustproof
• 89x46x20mm
• All RF and digital modules available
• Supports 0-10 km and 50 km
• DIN Rail mount option

The Blue OEM Link is a small, dustproof RF over fiber module which is available in ViaLiteHD RF bands up to 4.2 GHz, 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)
RF Over Fiber Systems
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PRODUCT CONFIGURATOR

PARAMETER

Dimensions
With mounting bracket fitted: 89 x 60 x 21 mm
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: 1.9 W
Receiver: 1.3 W

DC Input voltage
11 to 13 V, 12 V 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)

POPULAR PRODUCT

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

DIN Rail Mounting Kit for Blue OEM (P/N 27500)
A DIN rail is a metal rail of an IEC/EN standard type widely used for mounting electrical equipment inside equipment racks. The DIN Rail Mounting Kit allows the ViaLiteHD Blue OEM to be mounted vertically and more efficiently. This approach allows custom integration into any enclosure or equipment room which has rails fitted.