

Global leaders in the provision of Plastic Optical Fiber solutions and optical transceivers.

*Medical Imaging*  
*Renewable Energy*  
*Electric & Diesel Trains*  
*Industrial Automation*  
*Industrial Drives*  
*Robotics*  
*Smart Grid Automation*  
*Home Networks*

# 2023 Product Catalog



**Firecomms**<sup>TM</sup>





## Firecomms 2023 Product Range

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*Accelerating the evolution of machine communication*

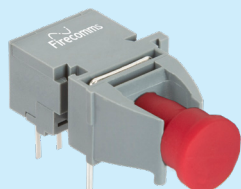
RedLink® Horizontal  
RedLink® Vertical  
RedLink® 30° Tilted  
OptoLock® Transceivers  
LC Transceivers  
SMI Transceivers  
Media Converter & POF Switch  
Evaluation Boards  
Simplex Plugs  
Duplex Plugs  
Cable Assemblies  
Accessories  
POF Cable



# RedLink® Horizontal

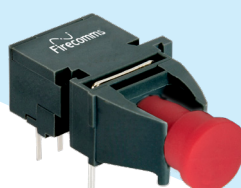
## DC-50 MBd

### Transmitter



| Part Number | Orientation | Description                                                          | Supply Voltage | Life Status* |
|-------------|-------------|----------------------------------------------------------------------|----------------|--------------|
| FT50MHNR    | Horizontal  | DC-50 MBd, 650 nm RCLED, with integrated driver, non-inverting logic | 5V/3.3V        | ●            |
| FT50MHIR    | Horizontal  | DC-50 MBd, 650 nm RCLED, with integrated driver, inverting logic     | 5V/3.3V        | ●            |

### Receiver

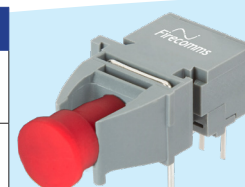


| Part Number | Orientation | Description                    | Supply Voltage | Life Status* |
|-------------|-------------|--------------------------------|----------------|--------------|
| FR50MHIR    | Horizontal  | DC-50 MBd, inverting logic     | 5V/3.3V        | ●            |
| FR50MHNR    | Horizontal  | DC-50 MBd, non-inverting logic | 5V/3.3V        | ●            |

## DC-10 MBd

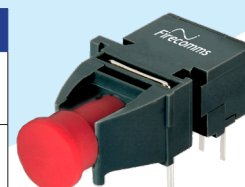
### Transmitter

| Part Number | Orientation | Description                                                          | Supply Voltage | Life Status* |
|-------------|-------------|----------------------------------------------------------------------|----------------|--------------|
| FT10MHNR    | Horizontal  | DC-10 MBd, 650 nm RCLED, non-inverting logic                         | Analog         | ●            |
| FT10MHLR    | Horizontal  | DC-10 MBd, low current 650 nm RCLED                                  | Analog         | ●            |
| FT10DHIR    | Horizontal  | DC-10 MBd, 650 nm RCLED, with integrated driver, inverting logic     | 5V/3.3V        | ●            |
| FT10DHNR    | Horizontal  | DC-10 MBd, 650 nm RCLED, with integrated driver, non-inverting logic | 5V/3.3V        | ●            |



### Receiver

| Part Number | Orientation | Description                    | Supply Voltage | Life Status* |
|-------------|-------------|--------------------------------|----------------|--------------|
| FR10DHIR    | Horizontal  | DC-10 MBd, inverting logic     | 5V/3.3V        | ●            |
| FR10DHNR    | Horizontal  | DC-10 MBd, non-inverting logic | 5V/3.3V        | ●            |



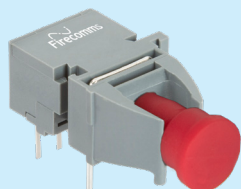
\* ● Recommended designs†

† Firecomms' newest innovation of our world class products.



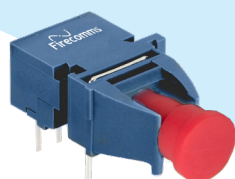
# DC-5 MBd

## Transmitter



| Part Number | Orientation | Description                                 | Supply Voltage | Life Status* |
|-------------|-------------|---------------------------------------------|----------------|--------------|
| FT05MHNR    | Horizontal  | DC-5 MBd, 650 nm RCLED, non-inverting logic | Analog         | ●            |

## Receiver

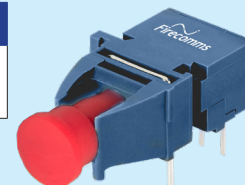


| Part Number | Orientation | Description                                                  | Supply Voltage | Life Status* |
|-------------|-------------|--------------------------------------------------------------|----------------|--------------|
| FR05DHDR    | Horizontal  | DC-5 MBd, MOSFET output switching up to 20V, inverting logic | 5V/3.3V        | ●            |
| FR05DHIR    | Horizontal  | DC-5 MBd, with TTL I/O, dual voltage, inverting logic        | 5V/3.3V        | ●            |
| FR05DHCR    | Horizontal  | DC-5 MBd, open collector output                              | 5V/3.3V        | ●            |

# DC-2 MBd

## Receiver

| Part Number | Orientation | Description                                          | Supply Voltage | Life Status* |
|-------------|-------------|------------------------------------------------------|----------------|--------------|
| FR20DHIR    | Horizontal  | DC-2 MBd, 20V open collector output, inverting logic | 5V/3.3V        | ●            |

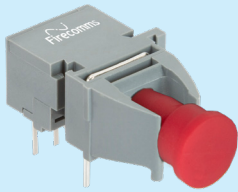


\* ● Recommended designs†

† Firecomms' newest innovation of our world class products.

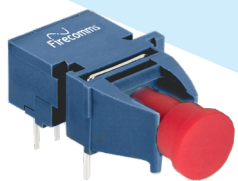
# DC-1 MBd

## Transmitter



| Part Number | Orientation | Description                                     | Supply Voltage | Life Status* |
|-------------|-------------|-------------------------------------------------|----------------|--------------|
| FT01MHNG    | Horizontal  | DC-1 MBd, 530 nm Green LED, non-inverting logic | Analog         | ●            |
| FT01MHNR    | Horizontal  | DC-1 MBd, 650 nm RCLED, non-inverting logic     | Analog         | ●            |

## Receiver

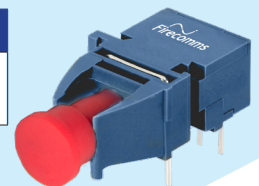


| Part Number | Orientation | Description                                                  | Supply Voltage | Life Status* |
|-------------|-------------|--------------------------------------------------------------|----------------|--------------|
| FR01DHDR    | Horizontal  | DC-1 MBd, MOSFET output switching up to 20V, inverting logic | 5V/3.3V        | ●            |
| FR01DHIR    | Horizontal  | DC-1 MBd with TTL I/O, inverting logic                       | 5V/3.3V        | ●            |

# Analog

## Receiver

| Part Number | Orientation | Description               | Supply Voltage | Life Status* |
|-------------|-------------|---------------------------|----------------|--------------|
| FR00AHAR    | Horizontal  | Analog, 500 um photodiode | Analog         | ●            |



\* ● Recommended designs†

† Firecomms' newest innovation of our world class products.

# RedLink® Vertical

## DC-50 MBd

### Transmitter



| Part Number | Orientation | Description                                                          | Supply Voltage | Life Status* |
|-------------|-------------|----------------------------------------------------------------------|----------------|--------------|
| FT50MVNR    | Vertical    | DC-50 MBd, 650 nm RCLED, with integrated driver, non-inverting logic | 5V/3.3V        | ●            |
| FT50MVIR    | Vertical    | DC-50 MBd, 650 nm RCLED, with integrated driver, inverting logic     | 5V/3.3V        | ●            |

### Receiver



| Part Number | Orientation | Description                   | Supply Voltage | Life Status* |
|-------------|-------------|-------------------------------|----------------|--------------|
| FR50MVIR    | Vertical    | DC-50 MBd, inverting logic    | 5V/3.3V        | ●            |
| FR50MVNR    | Vertical    | DC-50 MBd non-inverting logic | 5V/3.3V        | ●            |

## DC-10 MBd

### Transmitter

| Part Number | Orientation | Description                                                          | Supply Voltage | Life Status* |
|-------------|-------------|----------------------------------------------------------------------|----------------|--------------|
| FT10MVNR    | Vertical    | DC-10 MBd, 650 nm RCLED, non-inverting logic                         | Analog         | ●            |
| FT10MVLr    | Vertical    | DC-10 MBd, low current 650 nm RCLED                                  | Analog         | ●            |
| FT10DVIR    | Vertical    | DC-10 MBd, 650 nm RCLED, with integrated driver, inverting logic     | 5V/3.3V        | ●            |
| FT10DVNR    | Vertical    | DC-10 MBd, 650 nm RCLED, with integrated driver, non-inverting logic | 5V/3.3V        | ●            |



### Receiver

| Part Number | Orientation | Description                    | Supply Voltage | Life Status* |
|-------------|-------------|--------------------------------|----------------|--------------|
| FR10DVIR    | Vertical    | DC-10 MBd, inverting logic     | 5V/3.3V        | ●            |
| FR10DVNR    | Vertical    | DC-10 MBd, non-inverting logic | 5V/3.3V        | ●            |



\* ● Recommended designs†

† Firecomms' newest innovation of our world class products.

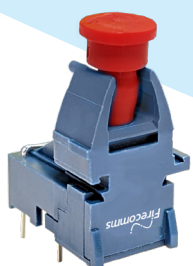
# DC-5 MBd

## Transmitter



| Part Number | Orientation | Description                                | Supply Voltage | Life Status* |
|-------------|-------------|--------------------------------------------|----------------|--------------|
| FT05MVNR    | Vertical    | DC-5 MBd, 650nm RCLED, non-inverting logic | Analog         | ●            |

## Receiver



| Part Number | Orientation | Description                                                  | Supply Voltage | Life Status* |
|-------------|-------------|--------------------------------------------------------------|----------------|--------------|
| FR05DVDR    | Vertical    | DC-5 MBd, MOSFET output switching up to 20V, inverting logic | 5V/3.3V        | ●            |
| FR05DVIR    | Vertical    | DC-5 MBd, with TTL I/O, inverting logic                      | 5V/3.3V        | ●            |
| FR05DVCR    | Vertical    | DC-5 MBd, open collector output                              | 5V/3.3V        | ●            |

# DC-2 MBd

## Receiver

| Part Number | Orientation | Description                                          | Supply Voltage | Life Status* |
|-------------|-------------|------------------------------------------------------|----------------|--------------|
| FR20DVIR    | Vertical    | DC-2 MBd, 20V open collector output, inverting logic | 5V/3.3V        | ●            |



\* ● Recommended designs†

† Firecomms' newest innovation of our world class products.



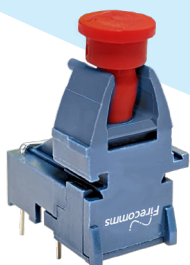
# DC-1 MBd

## Transmitter



| Part Number | Orientation | Description                                     | Supply Voltage | Life Status* |
|-------------|-------------|-------------------------------------------------|----------------|--------------|
| FT01MVNG    | Vertical    | DC-1 MBd, 530 nm Green LED, non-inverting logic | Analog         | ●            |
| FT01MVNR    | Vertical    | DC-1 MBd, 650 nm RCLED, non-inverting logic     | Analog         | ●            |

## Receiver



| Part Number | Orientation | Description                                                  | Supply Voltage | Life Status* |
|-------------|-------------|--------------------------------------------------------------|----------------|--------------|
| FR01DVDR    | Vertical    | DC-1 MBd, MOSFET output switching up to 20V, inverting logic | 5V/3.3V        | ●            |
| FR01DVIR    | Vertical    | DC-1 MBd with TTL I/O, inverting logic                       | 5V/3.3V        | ●            |

# Analog

## Receiver

| Part Number | Orientation | Description       | Supply Voltage | Life Status* |
|-------------|-------------|-------------------|----------------|--------------|
| FR00AVAR    | Vertical    | 500 um photodiode | Analog         | ●            |

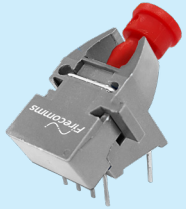


\* ● Recommended designs<sup>†</sup>  
<sup>†</sup> Firecomms' newest innovation of our world class products.

# RedLink® 30° Tilted

## DC-50 MBd

### Transmitter



| Part Number | Orientation | Description                                                          | Supply Voltage | Life Status* |
|-------------|-------------|----------------------------------------------------------------------|----------------|--------------|
| FT50MWNR    | Tilted      | DC-50 MBd, 650 nm RCLED, with integrated driver, non-inverting logic | 5V/3.3V        | ●            |
| FT50MWIR    | Tilted      | DC-50 MBd, 650 nm RCLED, with integrated driver, inverting logic     | 5V/3.3V        | ●            |

### Receiver

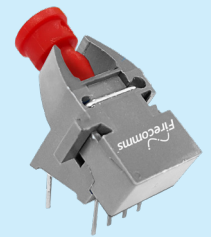


| Part Number | Orientation | Description                    | Supply Voltage | Life Status* |
|-------------|-------------|--------------------------------|----------------|--------------|
| FR50MWIR    | Tilted      | DC-50 MBd inverting logic      | 5V/3.3V        | ●            |
| FR50MWNR    | Tilted      | DC-50 MBd, non-inverting logic | 5V/3.3V        | ●            |

## DC-10 MBd

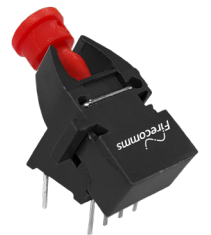
### Transmitter

| Part Number | Orientation | Description                                                     | Supply Voltage | Life Status* |
|-------------|-------------|-----------------------------------------------------------------|----------------|--------------|
| FT10MWNR    | Tilted      | DC-10 MBd, 650 nm RCLED                                         | Analog         | ●            |
| FT10MWLR    | Tilted      | DC-10 MBd, low current 650 nm RCLED                             | Analog         | ●            |
| FT10DWIR    | Tilted      | DC-10 MBd, 650 nm RCLED, integrated driver, inverting logic     | 5V/3.3V        | ●            |
| FT10DWNR    | Tilted      | DC-10 MBd, 650 nm RCLED, integrated driver, non-inverting logic | 5V/3.3V        | ●            |



### Receiver

| Part Number | Orientation | Description                    | Supply Voltage | Life Status* |
|-------------|-------------|--------------------------------|----------------|--------------|
| FR10DWIR    | Tilted      | DC-10 MBd, inverting logic     | 5V/3.3V        | ●            |
| FR10DWNR    | Tilted      | DC-10 MBd, non-inverting logic | 5V/3.3V        | ●            |

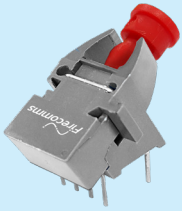


\* ● Recommended designs†

† Firecomms' newest innovation of our world class products.

# DC-5 MBd

## Transmitter



| Part Number | Orientation | Description            | Supply Voltage | Life Status* |
|-------------|-------------|------------------------|----------------|--------------|
| FT05MWNR    | Tilted      | DC-5 MBd, 650 nm RCLED | Analog         | ●            |

## Receiver

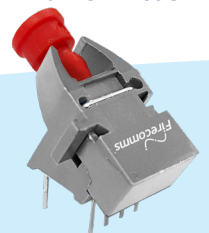


| Part Number | Orientation | Description                                                  | Supply Voltage | Life Status* |
|-------------|-------------|--------------------------------------------------------------|----------------|--------------|
| FR05DWDR    | Tilted      | DC-5 MBd, MOSFET output switching up to 20V, inverting logic | 5V/3.3V        | ●            |
| FR05DWIR    | Tilted      | DC-5 MBd with TTL I/O                                        | 5V/3.3V        | ●            |
| FR05DWCR    | Tilted      | DC-5 MBd, open-collector output                              | 5V/3.3V        | ●            |

# DC-1 MBd

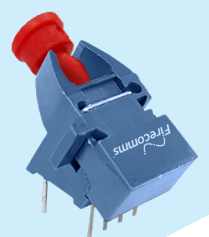
## Transmitter

| Part Number | Orientation | Description                                     | Supply Voltage | Life Status* |
|-------------|-------------|-------------------------------------------------|----------------|--------------|
| FT01MWNG    | Tilted      | DC-1 MBd, 530 nm Green LED, non-inverting logic | Analog         | ●            |
| FT01MWNR    | Tilted      | DC-1 MBd, 650 nm RCLED, non-inverting logic     | Analog         | ●            |



## Receiver

| Part Number | Orientation | Description                                                  | Supply Voltage | Life Status* |
|-------------|-------------|--------------------------------------------------------------|----------------|--------------|
| FR01DWDR    | Tilted      | DC-1 MBd, MOSFET output switching up to 20V, inverting logic | 5V/3.3V        | ●            |
| FR01DWIR    | Tilted      | DC-1 MBd with TTL I/O, inverting logic                       | 5V/3.3V        | ●            |



# Analog

## Receiver



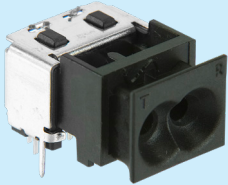
| Part Number | Orientation | Description       | Supply Voltage | Life Status* |
|-------------|-------------|-------------------|----------------|--------------|
| FR00AWAR    | Tilted      | 500 um photodiode | Analog         | ●            |

\* ● Recommended designs†

† Firecomms' newest innovation of our world class products.

# OptoLock® Transceivers

## 10/125/250/1250 Mbps

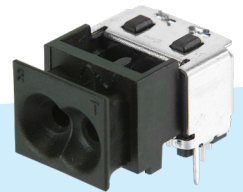


| Part Number | Description                                                                                     | Supply Voltage | Life Status* |
|-------------|-------------------------------------------------------------------------------------------------|----------------|--------------|
| FB01GKUJ    | OptoLock® termination 2.2 mm POF, 1.25 Gbps, 850 nm (IR), SLVDS, with RSSI <sup>§</sup> , black | 3.3V           | ●            |
| FB2M5KVR    | OptoLock® termination 2.2 mm POF, 10/125/250 Mbps, LVDS, with SD <sup>§</sup> , black           | 3.3V           | ●            |
| FB2M5KRR    | OptoLock® termination 2.2 mm POF, 10/125/250 Mbps, LVDS, with RSSI <sup>§</sup> , black         | 3.3V           | ●            |

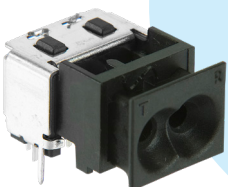
<sup>§</sup> For LVPECL or non-magnetic devices, please contact the Firecomms Sales & Field Applications Engineering team.

## DC-50 MBd

| Part Number | Description                                                                        | Supply Voltage | Life Status* |
|-------------|------------------------------------------------------------------------------------|----------------|--------------|
| FE50MKNR    | OptoLock® termination, with TTL I/O. non-inverting Tx and non-inverting Rx outputs | 5V/3.3V        | ●            |
| FE50MKIR    | OptoLock® termination, with TTL I/O. non-inverting Tx and inverting Rx outputs     | 5V/3.3V        | ●            |



## Analog



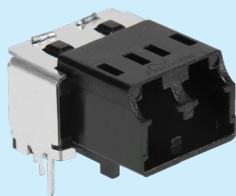
| Part Number | Description                                                            | Supply Voltage | Life Status* |
|-------------|------------------------------------------------------------------------|----------------|--------------|
| FB00AKAR    | OptoLock® termination, 650 nm RCLED, 500 um photodiode with bare fiber | Analog         | ●            |

\* ● Recommended designs<sup>†</sup>

<sup>†</sup> Firecomms' newest innovation of our world class products.

# LC Transceivers

## 10/125/250 Mbps

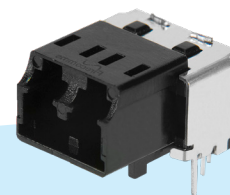


| Part Number | Description                                                                     | Supply Voltage | Life Status* |
|-------------|---------------------------------------------------------------------------------|----------------|--------------|
| FB2M5LVR    | LC termination, 10/125/250 Mbps, LVDS, with SD <sup>§</sup>                     | 3.3V           | ●            |
| FB2M5LRR    | LC termination, 10/125/250 Mbps, LVDS, with RSSI <sup>§</sup>                   | 3.3V           | ●            |
| FB2M5LBR    | LC termination, 10/125/250 Mbps FOTs, LVDS, with SD <sup>§</sup> , non-magnetic | 3.3V           | ●            |

<sup>§</sup> For LVPECL applications, please contact the Firecomms Sales & Field Applications Engineering team.

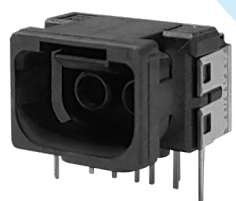
## DC-50 MBd

| Part Number | Description                                                                 | Supply Voltage | Life Status* |
|-------------|-----------------------------------------------------------------------------|----------------|--------------|
| FE50MLIR    | LC termination, and with TTL I/O. non-inverting Tx and inverting Rx outputs | 5V/3.3V        | ●            |
| FE50MLNR    | LC termination, with TTL I/O. non-inverting Tx and non-inverting Rx outputs | 5V/3.3V        | ●            |



# SMI Transceivers

## DC-50 MBd



| Part Number | Description                                                                            | Supply Voltage | Life Status* |
|-------------|----------------------------------------------------------------------------------------|----------------|--------------|
| FE50MSNR    | SMI termination, DC-50 MBd with TTL I/O. Non-inverting Tx and non-inverting Rx outputs | 5V/3.3V        | ●            |
| FE50MSIR    | SMI termination, and with TTL I/O. non-inverting Tx and inverting Rx outputs           | 5V/3.3V        | ●            |

\* ● Recommended designs<sup>†</sup>

<sup>†</sup> Firecomms' newest innovation of our world class products.

# Media Converter

## Ethernet 100 Mbps (125 MBd)



| Part Number | Description                                                                                                   | Life Status* |
|-------------|---------------------------------------------------------------------------------------------------------------|--------------|
| FY-ENC-KSU  | Ethernet Media Converter, Black, OptoLock® for 2.2 mm POF                                                     | ●            |
| FY-ENC-KKS  | US kit includes: OptoLock® Media Converter, US power supply, USB power cable, 15 cm CAT5 cable and POF cutter | ●            |
| FY-ENC-KKL  | UK kit includes: OptoLock® Media Converter, UK power supply, USB power cable, 15 cm CAT5 cable and POF cutter | ●            |
| FY-ENC-KKG  | EU kit includes: OptoLock® Media Converter, EU power supply, USB power cable, 15 cm CAT5 cable and POF cutter | ●            |

# POF Switch

## Ethernet 100 Mbps (125 MBd)



| Part Number | Description                                                                           | Life Status* |
|-------------|---------------------------------------------------------------------------------------|--------------|
| FY-ES3-KSU  | 4 Port Fast Ethernet POF Switch                                                       | ●            |
| FY-ES3-KKS  | US kit includes: Ethernet POF Switch, US power supply, USB power cable and POF cutter | ●            |
| FY-ES3-KKL  | UK kit includes: Ethernet POF Switch, UK power supply, USB power cable and POF cutter | ●            |
| FY-ES3-KKG  | EU kit includes: Ethernet POF Switch, EU power supply, USB power cable and POF cutter | ●            |

\* ● Recommended designs†

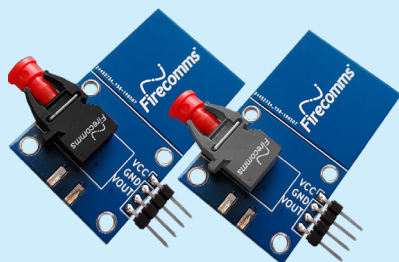
† Firecomms' newest innovation of our world class products.



# Evaluation Boards - RedLink®

Vertical, Tilted and other versions available can be built upon request with extended delivery times.

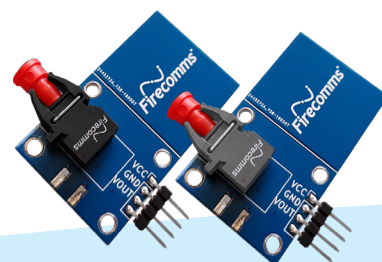
## DC-50 MBd



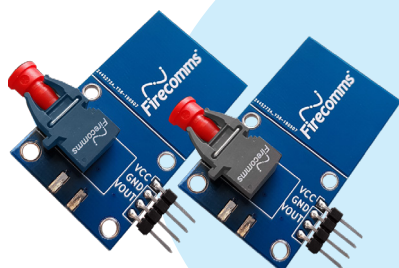
| Part Number   | Description                   |
|---------------|-------------------------------|
| EVAL-FT50MHNR | RedLink® FT50MHNR Transmitter |
| EVAL-FR50MHNR | RedLink® FR50MHNR Receiver    |

## DC-10 MBd

| Part Number   | Description                   |
|---------------|-------------------------------|
| EVAL-FT10MHNR | RedLink® FT10MHNR Transmitter |
| EVAL-FR10DHIR | RedLink® FR10DHIR Receiver    |



## DC-5 MBd



| Part Number   | Description                   |
|---------------|-------------------------------|
| EVAL-FT05MHNR | RedLink® FT05MHNR Transmitter |
| EVAL-FR05DHIR | RedLink® FR05DHIR Receiver    |

\* ● Recommended designs†

† Firecomms' newest innovation of our world class products.

# Evaluation Boards - OptoLock® & LC

## OptoLock® 10-1250 Mbps



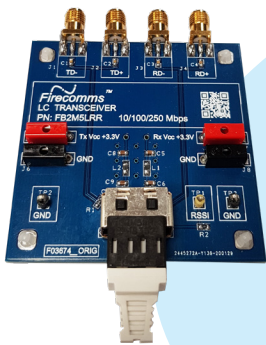
| Part Number   | Description             |
|---------------|-------------------------|
| EVAL-FB01GKUJ | OptoLock® RSSI          |
| EVAL-FB2M5KVR | OptoLock® Signal Detect |
| EVAL-FB2M5KRR | OptoLock® RSSI          |

## OptoLock® DC-50 MBd

| Part Number   | Description                    |
|---------------|--------------------------------|
| EVAL-FE50MKIR | OptoLock® Inverting Output     |
| EVAL-FE50MKNR | OptoLock® Non-Inverting Output |



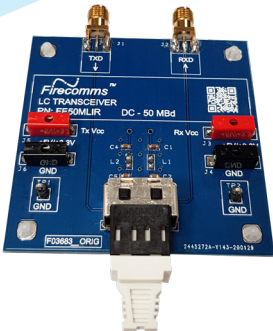
## LC 10-250 Mbps



| Part Number   | Description      |
|---------------|------------------|
| EVAL-FB2M5LVR | LC Signal Detect |
| EVAL-FB2M5LRR | LC RSSI          |

## LC DC-50 MBd

| Part Number   | Description             |
|---------------|-------------------------|
| EVAL-FE50MLIR | LC Inverting Output     |
| EVAL-FE50MLNR | LC Non-Inverting Output |



\* ● Recommended designs†  
† Firecomms' newest innovation of our world class products.

# Simplex Plugs

## Sealed simplex friction plug



| Part Number | Description                                                 |
|-------------|-------------------------------------------------------------|
| FP-00C-JS0  | RedLink® simplex sealed friction plug, blue (§ Light-Seal®) |
| FP-00C-KS0  | RedLink® simplex sealed friction plug, gray (§ Light-Seal®) |

## Simplex friction plugs (no latch)

| Part Number | Description                                                 |
|-------------|-------------------------------------------------------------|
| FP-00C-US0  | RedLink® simplex friction plug, blue (crimp ring, no latch) |
| FP-00C-VS0  | RedLink® simplex friction plug, gray (crimp ring, no latch) |



## Simplex friction crimpless plugs



| Part Number | Description                                                 |
|-------------|-------------------------------------------------------------|
| FP-00C-HS0  | RedLink® simplex friction plug, gray (crimpless, no latch)  |
| FP-00C-GS0  | RedLink® simplex friction plug, blue (crimpless, no latch)  |
| FP-00C-TS0  | RedLink® simplex friction plug, black (crimpless, no latch) |

## Simplex latching plugs

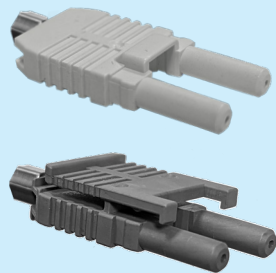
| Part Number | Description                                                 |
|-------------|-------------------------------------------------------------|
| FP-00C-XS0  | RedLink® simplex latching plug, blue (latch and crimp ring) |
| FP-00C-YS0  | RedLink® simplex latching plug, gray (latch and crimp ring) |



§ Light-Seal® is a registered trademark of FiberFin, Inc.

# Duplex Plugs

## Duplex latching and non latching plugs



| Part Number | Description                        |
|-------------|------------------------------------|
| FP-00C-RD0  | RedLink® Duplex Plug, white        |
| FP-00C-SD0  | RedLink® Latched Duplex Plug, gray |

## LC plug

| Part Number | Description      |
|-------------|------------------|
| FP-00C-LD0  | LC plug for POF  |
| FG-00D-LZ0  | LC plug dust cap |



## SMI Long body plug



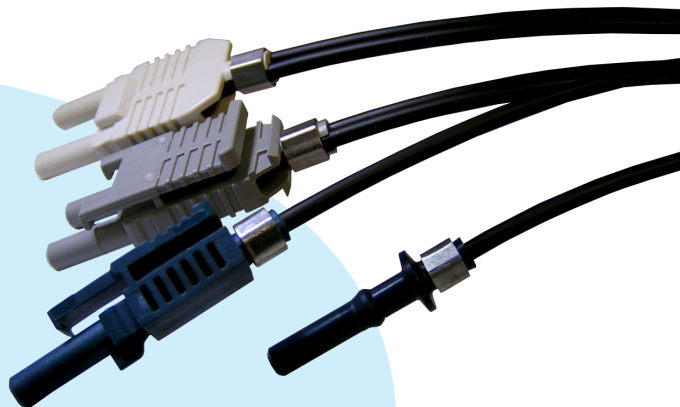
| Part Number | Description            |
|-------------|------------------------|
| FP-00C-3F0  | SMI Long Body Plug kit |

## SMI Short body plug

| Part Number | Description             |
|-------------|-------------------------|
| FP-00C-2F0  | SMI Short body Plug kit |



# Cable Assemblies



| Part Number | Description                                                                                                    |
|-------------|----------------------------------------------------------------------------------------------------------------|
| FD-xxx-LDB  | xxx m LC duplex patch cord 0.5NA SI-POF                                                                        |
| FD-xxx-BSB  | xxx m RedLink® simplex patch cable with friction plug 0.5NA SI-POF (gray and blue crimped plugs)               |
| FD-xxx-QSB  | xxx m RedLink® simplex patch cable with sealed friction plug 0.5NA SI-POF (gray and blue crimped plugs)        |
| FD-xxx-CSB  | xxx m RedLink® simplex patch cable with latch plug 0.5NA SI-POF (gray and blue crimped plugs)                  |
| FD-xxx-RDB  | xxx m RedLink® duplex patch cable with duplex friction plug 0.5NA SI-POF (gray crimped plugs)                  |
| FD-xxx-SDB  | xxx m RedLink® duplex patch cable with duplex latch plug 0.5NA SI-POF (gray crimped plugs)                     |
| FD-xxx-ASB  | xxx m RedLink® simplex patch cable with friction plug 0.5NA SI-POF (gray and Blue crimpless plugs)             |
| FD-xxx-PSB  | xxx m RedLink® simplex patch cable with friction plug 0.5NA SI-POF (gray and Black crimpless plugs)            |
| FD-xxx-ADB  | xxx m RedLink® duplex patch cable with friction plug 0.5NA SI-POF (gray and Blue crimpless plugs)              |
| FD-xxx-NDB  | xxx m RedLink® duplex patch cable with interlocking simplex friction plugs 0.5NA SI-POF (gray crimpless plugs) |
| FD-xxx-PDB  | xxx m RedLink® duplex patch cable with friction plug 0.5NA SI-POF (gray and black crimpless plugs)             |

## Firecomms xxx Code

xxC  
xxM  
500

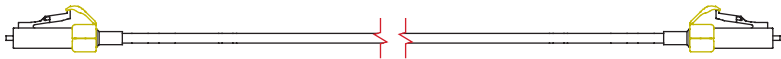
## Length

xxcm patch cord (Max 99 cm)  
xxm patch cord (Max 50 m)  
500 m reel

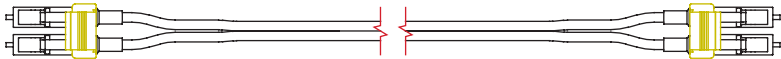
*\* Contact your Firecomms local sales representative for custom cables.*

Note: For example  
A 30 cm patch cord would have the code 30C  
A 5 m patch cord would have the code 05M

Cable Assemblies



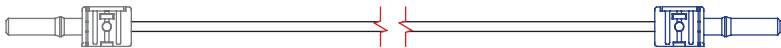
Duplex LC Plugs  
FD-xxx-LDB



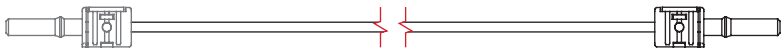
Simplex Crimped Friction Plugs  
Gray & Blue, FD-xxx-BSB



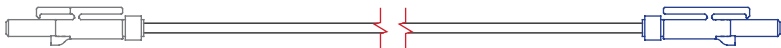
Sealed Simplex Friction Plugs  
Gray & Blue, FD-xxx-QSB



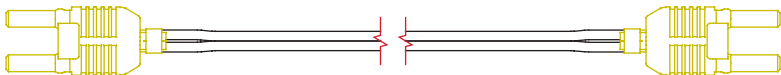
Simplex Crimpless Friction Plugs  
Gray & Blue, FD-xxx-ASB



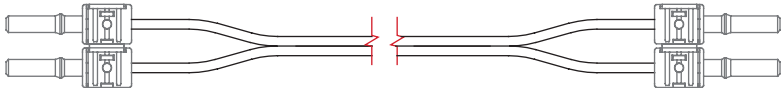
Simplex Crimpless Friction Plugs  
Gray & Black, FD-xxx-PSB



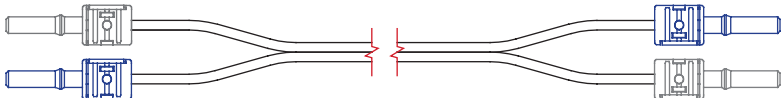
Simplex Crimped Latching Plugs  
Gray & Blue, FD-xxx-CSB



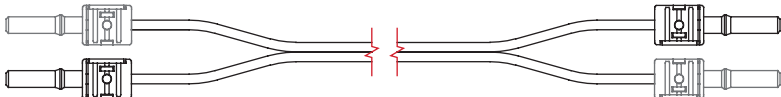
Duplex Crimped Friction Plugs  
Cream, FD-xxx-RDB



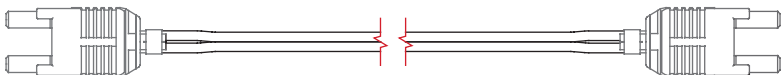
Duplex Interlocking Simplex  
Crimpless Friction Plugs.  
Gray, FD-xxx-NDB



Duplex Simplex Crimpless  
Friction Plugs  
Gray & Blue, FD-xxx-ADB



Duplex Simplex Crimpless  
Friction Plugs  
Gray & Black, FD-xxx-PDB



Duplex Crimped Latching Plugs  
Gray, FD-xxx-SDB

Firecomms xxx Code

xxC  
xxM  
500

Length

xxcm patch cord (Max 99 cm)  
xxm patch cord (Max 50 m)  
500 m reel

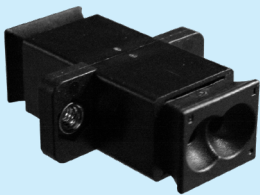
Note: For example  
A 30 cm patch cord would have the code 30C  
A 5 m patch cord would have the code 05M

*\* Contact your Firecomms local sales representative for custom cables.*

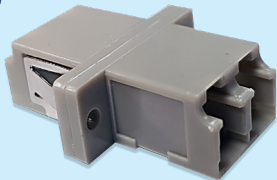


# Accessories

**OptoLock® bulkhead adaptor**



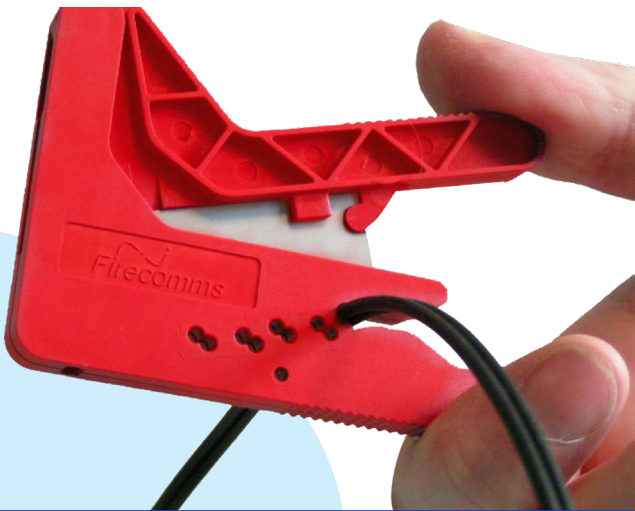
**LC panel mounted adaptor**



**SMI Passive Interconnect**



**SMI Short body Release Tool**



| Part Number | Description                                |
|-------------|--------------------------------------------|
| PC220F-410  | POF cutting/termination tool               |
| FA-BFC-KXD  | Bulkhead feedthrough adaptor, Optolock®    |
| FP-00C-LX0  | LC panel mounted adaptor                   |
| FA-BFG-SPD  | SMI Passive Interconnect for 2 x SMI plugs |
| FA-CRT-SSU  | SMI Short body Plug/Connector Release Tool |

# Plastic Optical Fiber

| Part Number | Description                            |
|-------------|----------------------------------------|
| FC-500-0SB  | 500 m Reel 0.5NA SI-POF 2.2 mm simplex |
| FC-500-0DB  | 500 m Reel 0.5NA SI-POF 2.2 mm duplex  |











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