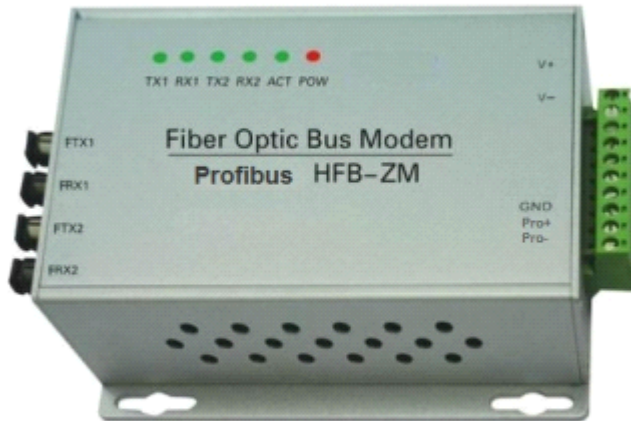


## Profibus Multi-Drop Bus Fiber Optic Modem



### Product Description

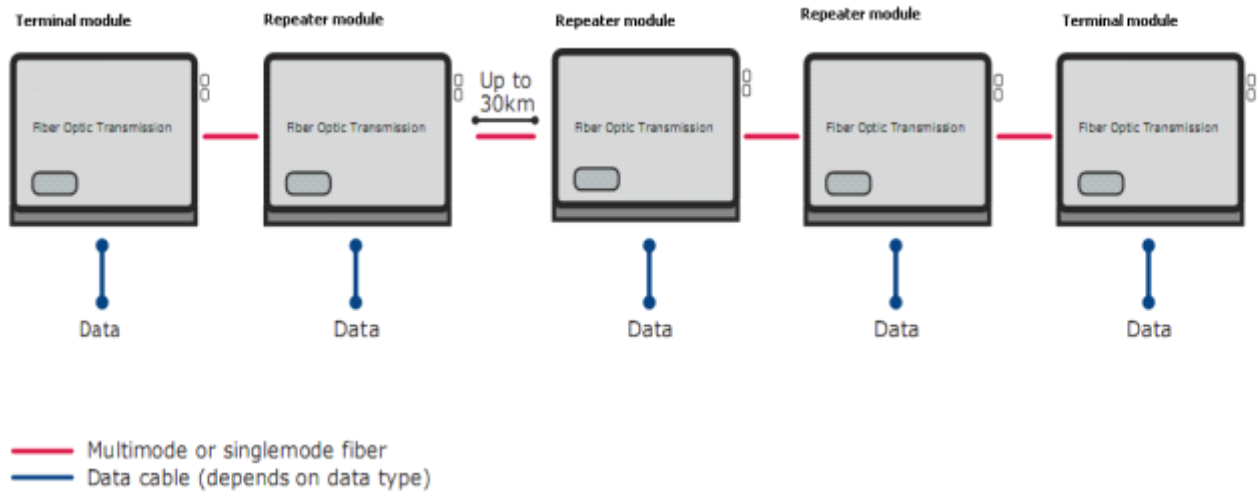
The Profibus Multi-Drop Bus Fiber Optic Modem series products provide an optical bus network for Profibus, data interfaces over a pair of multimode or singlemode optical fibers. The Terminal module units operate as the end or terminal points and provide an electrical connection and a two fibre optical connection. The Repeater module units act as in-line repeater stations and provide a single electrical connection and two optical connections, one upstream and one downstream.

This series is available in either wall mount, DIN rail or 2U chassis card configurations.

### Product Features

- ◆ Up to 1.5Mbps data rate
- ◆ Multimode and singlemode
- ◆ Single fiber solution
- ◆ Wall mount, rack or chassis configurations

### Typical System Configuration



### Specifications

| <b>Data</b>           |  |
|-----------------------|--|
| Data Formats          | Siemens Profibus,RS-485                              |
| Profibus Data Rate    | 1.5Mbps  |
| Bit Error Rate        | <1 x 10 <sup>-12</sup>                               |
| <b>Connectors</b>     |  |
| Data                  | Screw Block Terminal                                 |
| Fiber                 | ST, SC or FC (ST fitted as standard)                 |
| <b>Environmental</b>  |  |
| Operating Temperature | -30C---+70C  |
| Storage Temperature   | -40C---+90C  |
| Operating Humidity    | 0-95%  |
| MTBF                  | >100,000 Hours                                       |
| <b>Optical</b>        |  |
| Fiber                 | Multimode or Singlemode                              |
| Wavelength            | MM: 850nm,SM: 1310nm                                 |
| Number of fibers      | 4 or 2(WDM,Bi-Di)                                    |
| <b>POWER</b>          |  |
| Power Input           | AC 220V 110v or DC+110V +5V +12V +24V +48V<br>Option |
| <b>Mechanical</b>     |  |
| Dimensions            | 125(L)×110(W)×36(H)Wall Mount & DIN Rail             |