



**TAKFLY COMMUNICATIONS CO., LTD.**

ADD: 2F, Block 2, Yinghe Industrial Park, Shilong Road, Dalang, Longhua, Baoan, Shenzhen, China

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## Mini 10/100/1000Base-TX to 1000Base-FX Media Converter Specification



### 1. Key Features:

10/100/1000Base-TX UTP to 1000Base-FX fiber media converter

Support IEEE802.3U, IEEE802.3z, 1000Base-TX/FX standards

Choice of SC, LC, BiDi or other connectors for Multi mode and single mode

DIP switch to set different configurations

Compact package size



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The mini 10/100/1000Base-TX to 1000Base-FX (also can be forced to 100Base-FX) media converter is fully compliant with IEEE802.3U, IEEE802.3z 1000Base-TX/FX protocols. The converter can support auto MDI-MDIX function, flow control for full and half duplex operation, etc.

A DIP switch is placed at the bottom of the case. Depend on different configurations; the user can set the different operating mode (Force FX to 100M, pass through mode, etc).

## 2. Technical Specifications:

Data Rates:

10/100/1000 Mbps

(IEEE802.3U IEEE802.3z 1000Base-Tx)

1000 Mbps (1000Base-FX) or

100 Mbps (100Base-FX)

## 3. Input Power Requirements:

- Input voltage..... DC 5-12V
- Power consume ..... 3 Watts maximum

## 4. Environmental Conditions:

- Operating temperature..... 0°C to 50°C
- Cooling ..... free air convection
- Storage temperature ..... -20°C to +85°C
- Operating Humidity ..... 90% max, non-condensing

## 5. Mechanical Specifications:

- Case Material.....Iron
- Case Color.....Black
- Net Weight.....150g approx. / unit
- Dimensions.....60 (W) x 20 (H) x 90 (L) (mm)

## 6. Warranty: 2 years hardware warranty



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## 7. Ordering Information:

DF200-203XXXX

\*XXXX: supports optic connector / fiber type and distance. For more details, please refer to the list below or contact us.

X X XX

Fiber transmission distance:

05: 500 m

10: 10 km

20: 20 km

40: 40 km

TX wave length:

3: 1310 nm

5: 1550 nm

8: 850 nm

Fiber interface:

S: Single-mode

M: Multi-mode

B: Single-mode bi-directional

SFP: SFP type (Not include SFP transceiver module)

