

**LP-ICF21XXDY**

**Single Fiber Media Converters with BiDi technology, WDM, 10/100M, Singlemode or Multimode to distances of 550m to 120km.**

LPICF21XXDY\_PFD\_ENB02W

**Features**

- Comply with IEEE802.3, IEEE802.3u 10/100Base-TX, 100Base-FX Standard.
- BiDi WDM Technology.
- One Singlemode or Multimode Fiber.
- SC Connector.
- TP port supports Auto-negotiation for automatic speed selection.
- TP port supports automatic MDI/MDIX crossover.
- Embedded with 1 Mbit memory used for frame buffering.
- Supports up to 1K MAC address entries with automatic learning and aging.
- Store and forward switching mode.
- Transmission distance: Singlemode 2/20/25/40/60/80/120km; Multimode up to 550m.
- Wave lengths: 1310nm/ 1550nm; 1550nm/1310nm; 1310nm/1490nm; 1490nm/1310nm; 1510nm/1570nm; 1570nm/1510nm; 1270nm/1330nm; 1330nm/1270nm; 1270nm/1557nm; 1557nm/1270nm.
- LED indicators: PWR, TX-LNK, TX-ACT, FX-LNK, FX-ACT, FDX.
- Connector: one UTP RJ45 connector and one SC connector.
- Power: Internal power supply: 110-260V AC; External power supply: 5 VDC or -48 VDC. Operating temperature: 0°C ~ 50°C.
- Storage temperature: -40 ~ 70°C.
- Humidity: 5-90% (non-condensing).
- Sold in pairs or in a per side basis.



**Media Converter with internal power supply**



**Media Converter with external power supply**



**Media Converter card version for chassis mount**

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The **LanPro's LP-ICF21XXDY** Series of BiDi WDM 10/100M Single Fiber Singlemode or Multimode Media Converters exploit the WDM technology and it's Bi-Directional communication capability in order to support 550 m to 120 km distances via a single optical fiber. Sold in pairs or in a per side bases.

**A How to order:**

**LP-ICF21TTWDDM**

TT: Type	
<b>00</b>	Media converter WDM sold in pairs
<b>A1</b>	WDM single side Tx1550/Rx1310
<b>A2</b>	WDM single side Tx1310/Rx1550
<b>B1</b>	WDM single side Tx1310/Rx1490
<b>B2</b>	WDM single side Tx1490/Rx1310
<b>C1</b>	WDM single side Tx1510/Rx1570
<b>C2</b>	WDM single side Tx1570/Rx1510
<b>D1</b>	WDM single side Tx1270/Rx1330
<b>D2</b>	WDM single side Tx1330/Rx1270
<b>E1</b>	WDM single side Tx1270/Rx1577
<b>E2</b>	WDM single side Tx1557/Rx1270

W: WDM suffix	
<b>D</b>	WDM

DD: Distance	
<b>05</b>	550 m
<b>2</b>	2 km
<b>20</b>	20 km
<b>25</b>	25 km
<b>40</b>	40 km
<b>60</b>	60 km
<b>80</b>	80 km
<b>120</b>	120 km

M: Model	
<b>Blank</b>	Internal power supply
<b>1</b>	5 VDC
<b>2</b>	-48 VDC
<b>3</b>	Card version for chassis mount

**Examples:**

<b>LP-ICF2100D05</b>	BiDi Single Fiber Media Converter with internal power supply, 1310nm/1550nm Multimode, WDM, 10/100M, Supports 550m transmission. SC Connector. Sold in pairs.
<b>LP-ICF21A1D051</b>	BiDi Single Fiber Media Converter with external power supply, 1550nm/1310nm Multimode, WDM, 10/100M, Supports 550m transmission. SC Connector. Single side.
<b>LP-ICF21A1D053</b>	BiDi Single Fiber Media Converter card version for chassis mount, 1550nm/1310nm Multimode, WDM, 10/100M, Supports 550m transmission. SC Connector. Single side.