

**Datasheet**
**2104-07XXX**

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# Light-LINKS LC/LC Duplex OM2 Patch Cords

DINTEK Light-LINKS™ Multimode Patch Cords are high quality patch cords used for high speed local area networks. These multimode patch cords are manufactured using LSZH jackets which conform to IEC & TIA standards. The patch cords are terminated with multiple high quality connector types which give optimum optical performance.

DINTEK's Light-LINKS™ OM2 LC to LC multimode duplex fiber optic patch cords are assembled with data center grade duplex LC connectors and DINTEK OM2 fiber; making these high bandwidth patch cords optimally suited for high speed 1 Gig networks.



## Features

- All assemblies are machine polished providing highest quality
- Multimode 50/125um 1G OM2 fiber optic cables
- Insertion loss per connection: 0.15dB typical; 0.30dB maximum
- Patch cords are tested to support network transmission speeds up to 1 Gb/s for link lengths up to 300 meters with an 850nm source

## Technical Properties

- Connector type: LC - LC
- Insertion: Multimode  $\leq 0.15\text{dB}$  typical /  $\leq 0.30\text{dB}$  maximum
- Return Loss: PC  $\leq 35\text{dB}$
- Jacket Type: LSZH
- Polish Type: PC
- Operating Temperature: -40 to +85°C
- Flammability: IEC 60332 Part 3

## Benefits

- Low insertion loss / Low reflectance
- Flawless end face
- Excellent environmental stability and reliability
- (All specifications are in accordance to GR-326-CORE)

## Standards Conformance

- Fire retardant (IEC 60332-3)
- Corrosion resistant (IEC 60754-2)
- Compliant to TIA 604-5 and IEC 61754-7
- Standards ISO/IEC 11801 / Cenelec EN 50173-1 / TIA-568 C.0
- Data Center Cenelec EN 50173-5 / ISO/IEC 24764/ TIA-942
- Ethernet IEEE 802.3; 10/40/100GbE
- ROHS-6 Compliant



## Ordering Information

Product Number	Product Name	Length	Jacket Color	Jacket Size	Jacket Type
2104-07004	Light-LINKS LC/LC Duplex OM2 Patch Cords	1 m	Orange	2.0 mm	LSZH
2104-07005	Light-LINKS LC/LC Duplex OM2 Patch Cords	2 m	Orange	2.0 mm	LSZH
2104-07019	Light-LINKS LC/LC Duplex OM2 Patch Cords	3 m	Orange	2.0 mm	LSZH
2104-07010	Light-LINKS LC/LC Duplex OM2 Patch Cords	5 m	Orange	2.0 mm	LSZH
	* Other lengths available on request *				

## DINTEK Electronic Limited

台北市中山區中山北路二段96號 嘉新第二大樓五樓N511  
 N511, 5F, 2nd Bldg, No. 96, Sec. 2, Zhongshan N. Rd. Zhongshan Dist., Taipei City 10449, Taiwan  
 P: +886-2-22997898 E-mail: sales@dintek.com.tw W: www.dintek.com.tw

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