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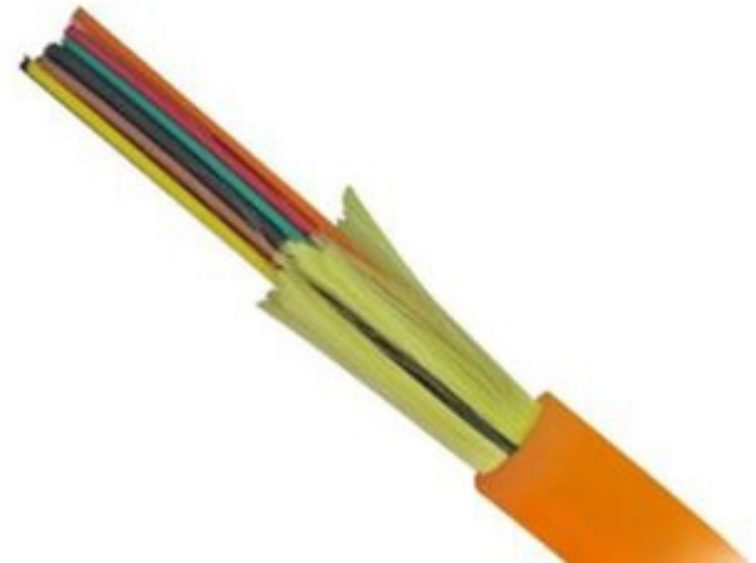
Light-LINKS OM2 Fiber Distribution Cable

DINTEK Light-LINKS™ Brand Fiber Optic Cables meet the demands of even the most performance hungry data communications, voice and video networks. Our Light-LINKS™ Brand Indoor Premises Fiber cable is right for any premise application. Our 900µm tight buffer premise cable constructions are built to withstand frequent handling as well as complex routing, both of which are typical in a premise environment.

Light-LINKS™ Brand Indoor Premises Fiber cable is perfect for both backbone and horizontal applications, 900µm premise cables allow for the direct termination of connectors, saving installation time and reducing connectorization costs.

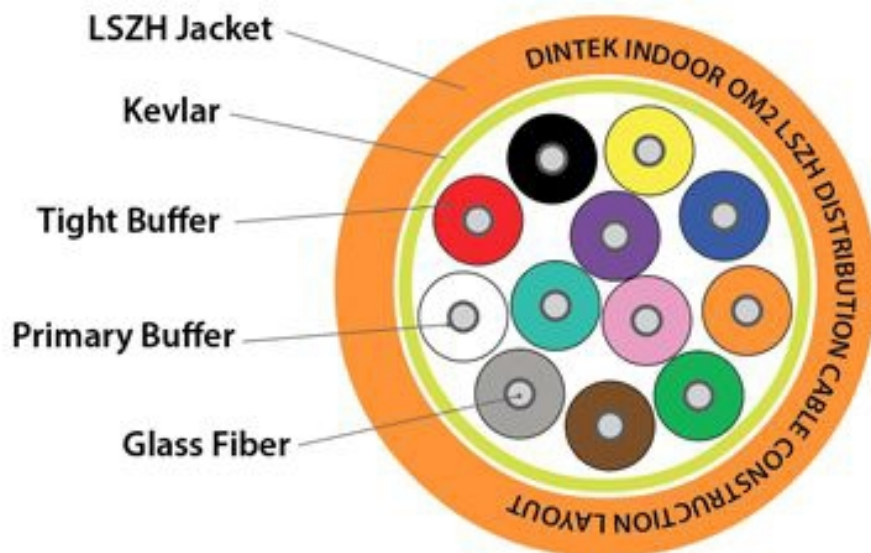
Main Features

- Fiber Count - 4 to 24 Extremely flexible, tight buffer cable design.
- ATM, FDDI, Fiber channel cable performance guarantee.
- Meets the fire performance test for IEC60332-3C.
- Tight buffer fiber ease of stripping.
- Aramid yarn as strength member. Has excellent tensile strength.
- The jacket anti-corrosion, anti-water, anti-ultraviolet radiation, flame retardant and harmless to environment etc



Applications

- Inter-building
- Backbone premise pathways
- Drop ceiling
- 10Gbps Ethernet
- 550MHz Broadband Video
- SAN, Data Center
- Indoor any purpose cable distribution



Ordering Information			
Product Number	Product Name	Std Pkg Qty	
2101-02007	Light-LINKS™ 4 Core In-Door OM2 Fiber Optic Cable	2km / Reel	
2101-02008	Light-LINKS™ 6 Core In-Door OM2 Fiber Optic Cable	2km / Reel	
2101-02009	Light-LINKS™ 8 Core In-Door OM2 Fiber Optic Cable	2km / Reel	
2101-02010	Light-LINKS™ 12 Core In-Door OM2 Fiber Optic Cable	2km / Reel	

Technical Specifications

Construction		Technical Data-Mechanical	
Jacket & Buffers		Max. loading (IEC794-1)	
Jacket Material	LSZH	Installation	660N
Tight buffer fiber Diameter	900µm ± 50µm	Operation	220N
Cable Reinforcement	Aramid Yarn		
Fiber Size	50 / 125 micron		
Buffer Diameters		Max. bend radius (IEC794-1)	
Primary Buffer	250µm	Installation	20 x Diameter
Tight (Secondary) Buffer	900µm ± 50µm	Operation	10x Diameter
		Temperature Rating Operation	
		Installation	-20°C ~ +60°C
		Operation	-20°C ~ +60°C

Technical Data-Physical							
Fiber Count	2	4	6	8	10	12	24
Cable Diameter (mm)	3.2±0.2	4.8±0.2	5.1±0.2	5.6±0.2	5.8±0.2	6.2±0.2	8.1±0.2
Outer Jacket Thickness	0.5±0.1	0.6±0.1	0.7±0.1	0.8±0.1	0.8±0.1	0.8±0.1	1.0±0.1
Cable Weight (kg/km)	Approx. 8.8	Approx. 21.6	Approx. 25.5	Approx. 31.4	Approx. 35	Approx. 40.3	Approx. 52

Technical Data-Transmission								
Fiber type	Attenuation				OFL bandwidth	Effective modal bandwidth	10 Gigabit Ethernet SX	Min bend radius
	1310/1550nm		850/1300nm					
Conditions	Typical	Maximum	Typical	Maximum	850/1300nm	850nm	850nm	/
Unit	dB/km	dB/km	dB/km	dB/km	Mhz/Km	Mhz/Km	m	mm
G652D	0.36/0.22	0.5/0.4	---	---	---	---	---	16
G657A1	0.36/0.22	0.5/0.4	---	---	---	---	---	10
G657A2	0.36/0.22	0.5/0.4	---	---	---	---	---	7.5
50/125	---	---	3.0/1.0	3.5/1.5	≥500/1000	---	---	30
62.5/125	---	---	3.0/1.0	3.5/1.5	≥200/600	---	---	30
OM3	---	---	3.0/1.0	3.5/1.5	≥1500/500	≥2000	≤300	30
OM4	---	---	3.0/1.0	3.5/1.5	≥3500/500	≥4700	≤550	30
BI-OM3	---	---	3.0/1.0	3.5/1.5	≥1500/500	≥2000	≤550	7,5
BI-OM4	---	---	3.0/1.0	3.5/1.5	≥3500/500	≥4700	≤550	7,5

Color Arrangement

Fiber Colors						
No.	1	2	3	4	5	6
Color	Blue	Orange	Green	Brown	Gray	White
No.	7	8	9	10	11	12
Color	Red	Black	Yellow	Violet	Pink	Aqua

The second set of 12 fibers with black rings is separated from the first set of 12.

DINTEK Electronic Limited

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

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