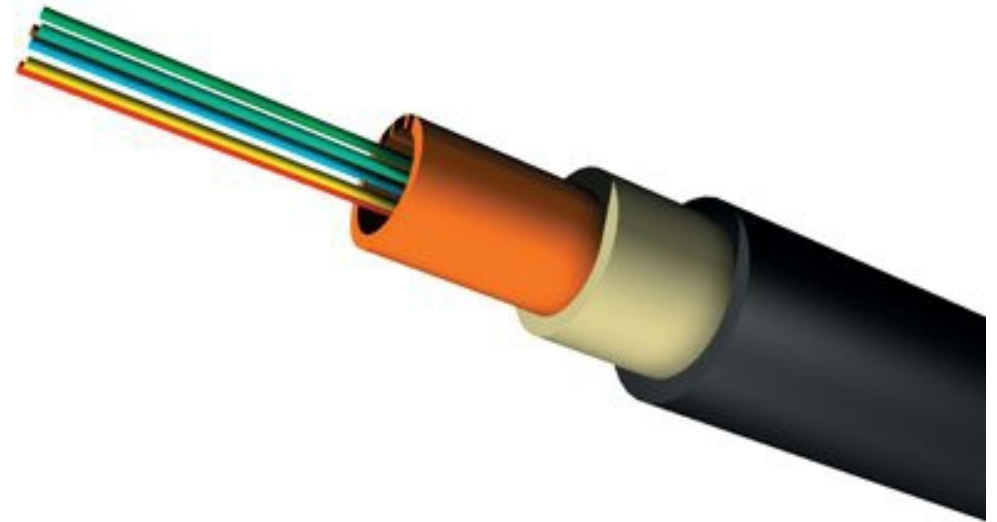


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Light-LINKS OM2 Indoor/Outdoor Fiber Cable

DINTEK Light-LINKS™ Indoor/Outdoor Fiber Optic Cables have been designed to meet both the stringent environmental requirements typical of outside plant cable in addition to, the flammability requirements of premise applications.

DINTEK Light-LINKS™ Indoor/Outdoor Fiber Optic Cables are ideal for applications that span indoor and outdoor environments, therefore eliminating the need for entrance facility splice points, which saves money and installation time.



Main Features

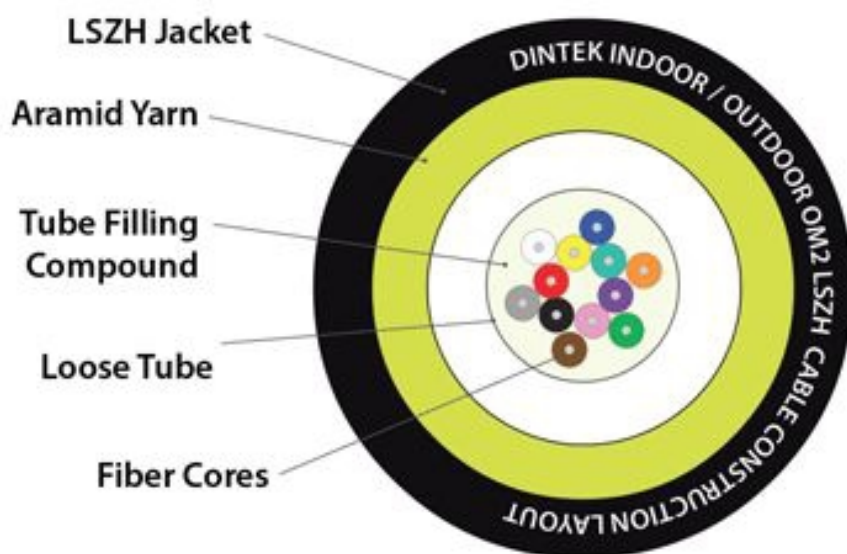
- Standard 02-12C
- Central code tube design
- Meet the fire performance test of IEC60332-1
- Rodent protection
- Good mechanical and temperature performance
- High strength loose tube that is hydrolysis resistant
- Aramid yarn strength member ensure tensile strength
- Crush resistance and flexibility

Applications

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

Standards

- GR-409
- ICEA-596
- Meet the fire performance test of IEC332-3C
- IEC 60794
- IEC332-1



Ordering Information

Product Number	Product Name	Std Pkg Qty	
2102-02010	Light-LINKS™ 4 Core Indoor/Outdoor OM2 Fiber Optic Cable	2km / Reel	
2102-02011	Light-LINKS™ 6 Core Indoor/Outdoor OM2 Fiber Optic Cable	2km / Reel	
2102-02012	Light-LINKS™ 8 Core Indoor/Outdoor OM2 Fiber Optic Cable	2km / Reel	
2102-02013	Light-LINKS™ 12 Core Indoor/Outdoor OM2 Fiber Optic Cable	2km / Reel	

Technical Specifications

Construction		Technical Data-Mechanical	
Jacket & Buffers		Max. loading (IEC794-1)	
Jacket Material	LSZH	Installation	400N
Primary buffer fiber Diameter	250µm ± 50µm	Operation	1000N
Tight buffer fiber Diameter	900µm ± 50µm		
Cable Reinforcement	Aramid Yarn		
Fiber Size	50 / 125 micron		
Loose Tube		Max. bend radius (IEC794-1)	
Loose tube material	PBT	Installation	20 x Diameter
Loose tube diameter	2.8mm	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	
Cable Diameter (mm)	6.2±0.4	6.2±0.4	6.2±0.4	6.2±0.4	6.2±0.4	6.2±0.4	
Outer Jacket Thickness	1.5mm	1.5mm	1.5mm	1.5mm	1.5mm	1.5mm	
Cable Weight (kg/km)	Approx. 42.0	Approx. 42.0	Approx. 42.0	Approx. 42.0	Approx. 42.0	Approx. 42.0	

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	≥500/500	---	---	30
62.5/125	---	---	3.0/1.0	3.5/1.5	≥200/500	---	---	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	≤300	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

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