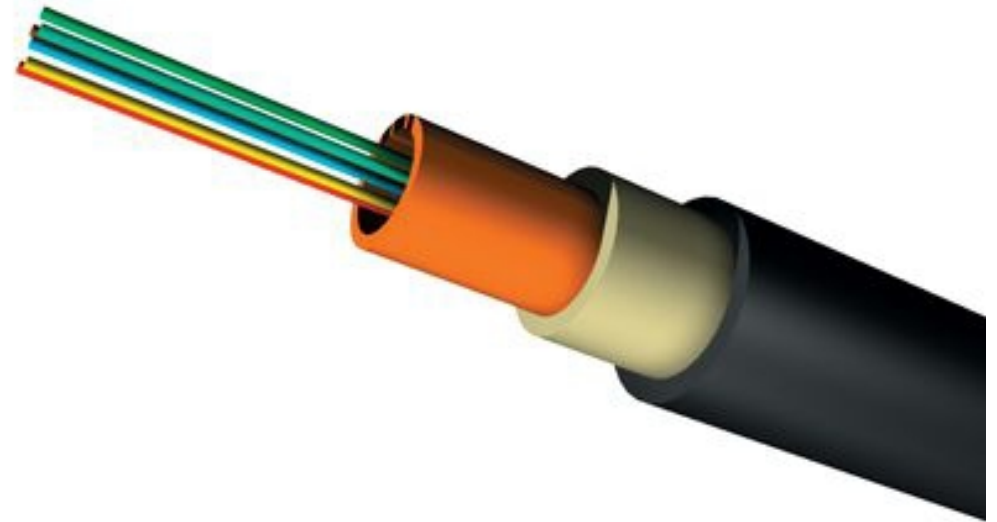


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## Light-LINKS OM3 Indoor/Outdoor Fiber Cable

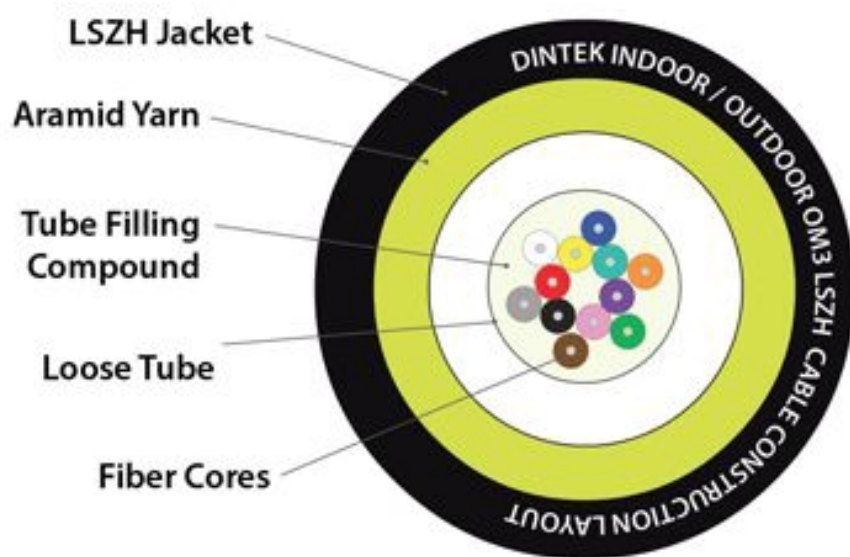
DINTEK Light-LINKS™ Indoor/Outdoor Fiber Optic Cables have been designed to meet both the stringent environmental requirements typical of outside plant cable in addition to, the flammability requirements of premise applications.

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	
2102-04010	Light-LINKS™ 4 Core Indoor/Outdoor OM3 Fiber Optic Cable	2km / Reel	
2102-04011	Light-LINKS™ 6 Core Indoor/Outdoor OM3 Fiber Optic Cable	2km / Reel	
2102-04012	Light-LINKS™ 8 Core Indoor/Outdoor OM3 Fiber Optic Cable	2km / Reel	
2102-04013	Light-LINKS™ 12 Core Indoor/Outdoor OM3 Fiber Optic Cable	2km / Reel	

## Technical Specifications

Construction		Technical Data-Mechanical	
<b>Jacket &amp; Buffers</b>		<b>Max. loading (IEC794-1)</b>	
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		
<b>Loose Tube</b>		<b>Max. bend radius (IEC794-1)</b>	
Loose tube material	PBT	Installation	20 x Diameter
Loose tube diameter	2.8mm	Operation	10x Diameter
		<b>Temperature Rating Operation</b>	
		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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