

BLOLITE™ Fiber

APPLICATION

Leviton BLOLITE individual-blown fiber is a point-to-point solution suited to applications such as fiber to the desk/home, backbone links, campus, and data center applications. The specially coated single fibers are blown through the MicroDucts using 'dry' air and can be installed in very complex routes often found within buildings. BLOLITE fiber offers up to 12 fiber colors in a range of fiber types capable of withstanding standard air-blown fiber installation practices. Blolite fiber is suitable for blown-fiber installations in pre-installed Leviton BLOLITE MicroDucts.

FEATURES & BENEFITS

- Fibers are individually color-coded
- Customizable fiber selection including single-mode or multi-mode to suit a variety of applications
- Up-coated to mechanically protect the fiber
- Outer buffering resin containing color, anti-static, and friction reducing agents
- Optimized blowing performance and superior installation distances



COUNTRY OF ORIGIN

UK

WARRANTY INFORMATION

For Leviton product warranties, go to [Leviton.com/ns/warranty](https://leviton.com/ns/warranty)

PRODUCT SPECIFICATIONS

BLOLITE™ Fiber

TECHNICAL SPECIFICATIONS

Usage Characteristics

Temp. (Storage):	-40 °C to +70 °C (-40 °F to +158 °F)
Temp. (Installation):	-0 °C to +40 °C (-0 °F to +104 °F)
Temp. (Operating):	-20 °C to +60 °C (-4 °F to +140 °F)

REACTION TO FIRE

Characteristics	IEC Standard	EN Standard	CPR Rating
Cable Flame Rating	IEC 60332-1-2	—	Eca
Smoke Emission	—	—	s1a
Flaming Droplets/Particles	—	—	d1
Acid Gas Emission	IEC 60754-2	EN 60754-2	a1
Classification / Euroclass	—	EN 13501-6	Eca s1a d1 a1

TECHNICAL SPECIFICATIONS

Fiber Count	Nom. Cable Diameter (mm)	Nom. Cable Weight (kg/km)
1	485	0.22

FIBER IDENTIFICATION

Fiber Identifier	108	208	062	050	OM3	OM4
IEC 60793 Reference	2-50-B6_a	2-50-B6_a	2-10-A1b	2-10-A1a.1	2-10-A1a.2	2-10-A1a.3
ITU-T Recommendation	G.657.A1	G.657.A2	N/A	G.651.1	G.651.1	G.651.1
ISO/IEC 11801 Category	OS2	OS2	OM1	OM2	OM3	OM4

GUIDELINES TO BLOWING DISTANCE

Fiber Count	3.0/2.1mm Duct	5.0/3.5mm Duct	8.0/6.0mm Duct
1	500m	500m	1000m
2	500m	500m	1000m
4	300m	500m	1000m
8	—	500m	1000m
12	—	400m	500m

PRODUCT SPECIFICATIONS

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ORDERING INFORMATION						
Color	OM1	OM3	OM3	OM4	G.567.A1	G.657.A2
Blue	10-0101-06	10-0005-06	10-0003-06	10-0004-06	10-0311-06	10-0312-06
Orange	10-0101-07	10-0005-07	10-0003-07	10-0004-06	10-0311-07	10-0312-07
Green	10-0101-08	10-0005-08	10-0003-08	10-0004-06	10-0311-08	10-0312-08
Brown	10-0101-12	10-0005-12	10-0003-12	10-0004-06	10-0311-12	10-0312-12
Gray	10-0101-10	10-0005-10	10-0003-10	10-0004-06	10-0311-10	10-0312-10
White	10-0101-03	10-0005-03	10-0003-03	10-0004-06	10-0311-03	10-0312-03
Red	10-0101-09	10-0005-09	10-0003-09	10-0004-06	10-0311-09	10-0312-09
Black	10-0101-05	10-0005-05	10-0003-05	10-0004-06	10-0311-05	10-0312-05
Yellow	10-0101-11	10-0005-11	10-0003-11	10-0004-06	10-0311-11	10-0312-11
Violet	10-0101-13	10-0005-13	10-0003-13	10-0004-06	10-0311-13	10-0312-13
Pink	10-0101-14	10-0005-14	10-0003-14	10-0004-06	10-0311-14	10-0312-14
Turquoise	10-0101-15	10-0005-15	10-0003-15	10-0004-06	10-0311-15	10-0312-15

PACKAGING INFORMATION - BOXES			
Length (m)	Box Dimensions (mm) (length x width x height)	Weight of box (kg) (8 reels per box)	Boxes (per Euro Pallet)
2000	590 x 590 x 270	8	8
4000	590 x 590 x 270	11	8

For further support information, visit [Leviton.com/ns/support](https://leviton.com/ns/support)

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