

#smartconnection

Telecom solution



# B-LITE™ micro-cables

Faster, further & easier

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# B-LITE™ cables range

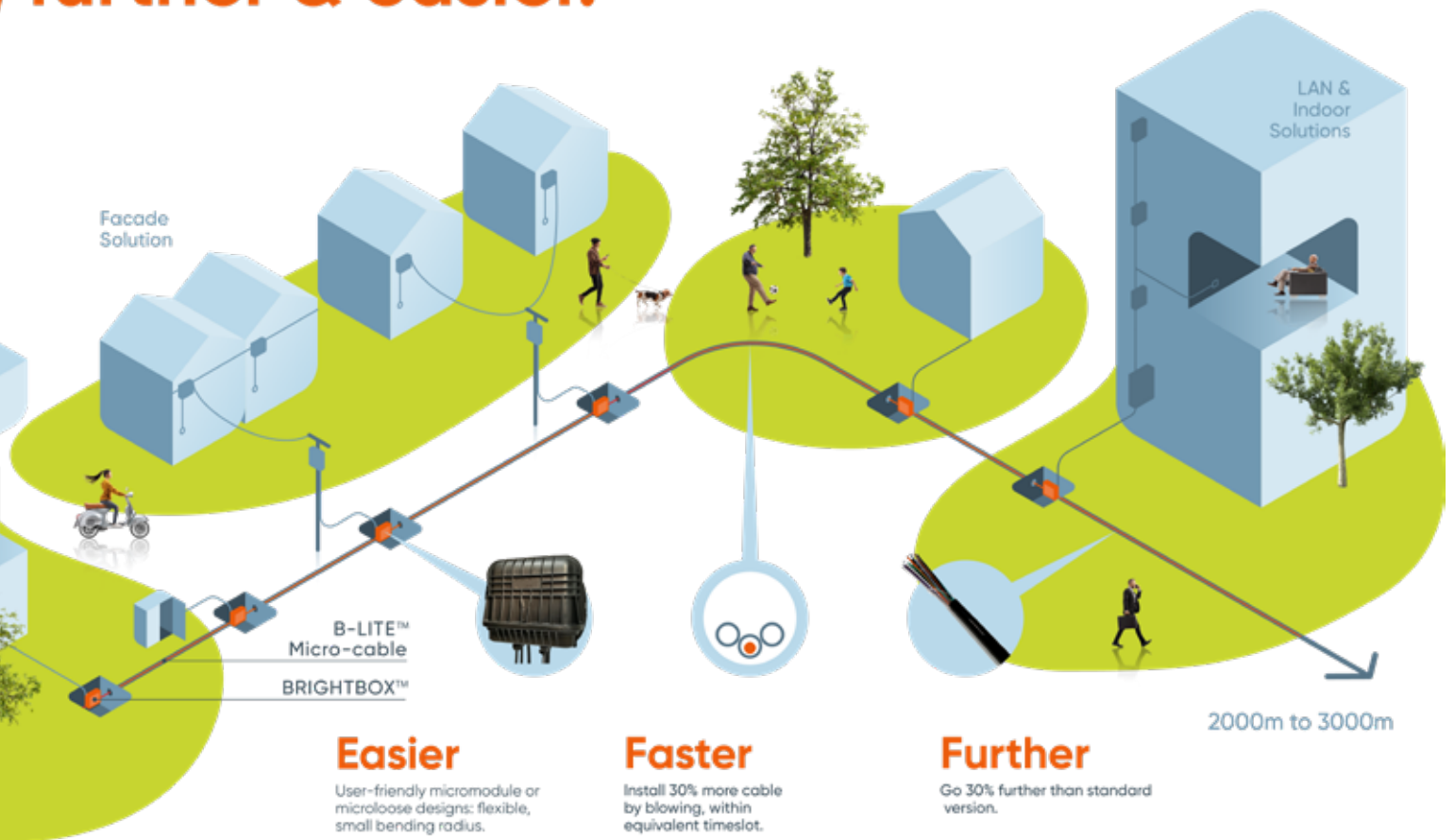
The B-LITE™ is a bunch of technology resuming all our recent progress in research and development for underground cable solutions.

**Faster,**  
B-LITE™

Central  
Office  
Solutions



# further & easier.



# B-LITE™ range for micro-ducts (12 to 288 fibres)

Cables are used for Access, Distribution, City Network and FTTH applications all over Europe and beyond. B-LITE™ is designed to be quickly installed over distances from 2000 to 3000m without lubrication in micro-ducts.

Faster and further - B-LITE™ is able to go 30% further than standard micro-cables and easier thanks to the modules.

The B-LITE™ range includes many fibre count and modularity from 12 to 288 fibres. All B-LITE™ cables are designed with central strength member, micromodules and an ultralow friction jacket to push the limits at the installation phase.






## Benefits

- Full range from 12 to 288 fibres.
- The benefits on the timescale is more than 30%. It means +30% of the current total quantity of cable installed per year.
- Less splicing closures, less manholes, longer distances between flexibility points are a potential saving of 20% of Total Cost of Ownership (TCO).

## B-LITE<sup>3</sup> cables range




- Micro-module construction (hand peelable),
- Available from 12 to 288 fibres,
- Blowing distance from 2000m to 3000m,
- 2000m laid in 30 minutes (excluding preparation),
- Deployed in France & referenced by our customers (72, 144 & 288f).



	288OF (SP1940)	144OF (SP1904)	96OF (SP1903)	36 to 72OF (SP1896)	24OF (SP1902)
<b>Micro-blown cable, micro bundle design</b>					
<b>Cable diameter</b>	8,7mm	7.4mm	5.7mm	4.7mm	3.6mm
<b>Fibre count/ module</b>	24x12 OF	12x12 OF	8x12 OF	6x12 OF	6x4 OF
<b>Module diameter</b>	1.35mm	1.35mm	1.35mm	1.35mm	1.10mm
<b>Module type</b>	Microbundle				
<b>Sheating mat.</b>	Ultra Low Friction				



## B-LITE LT 250µm cables range

- Developed to maximise microduct occupancy (number of fibres/mm<sup>2</sup>),
- Loose-tube construction,
- Blowing distances from 2000m to 3000m,
- 250µm fibres.

	288OF (SP1954)	144OF (SP1913)	96OF (SP2004)	24 to 72 OF (SP2003)	1 to 12 OF (SP1707)
<b>Micro-blown cable, micro loose tube design</b>					
<b>Cable diameter</b>	9.3mm	7.6mm	6.2mm	5.3mm	2.5mm
<b>Fibre count</b>	24x12 OF	12x12 OF	8x12 OF	6x12 OF	1X6 OF
<b>Fibre type</b>	250µm G657A1 or G657A2 - Multimode optional				
<b>Inner duct diameter</b>	12mm	10mm	8mm	8mm	4mm

## B-LITE LT 200µm cables ranges

- Developed to maximise microduct occupancy (number of fibres/mm<sup>2</sup>),
- Loose tube construction,
- Blowing distances from 2000m to 3000m,
- 200µm fibres.

	288OF (SP2010)	144OF (SP2007)	192OF (SP1985)	24OF (SP2015)
<b>Micro-blown cable, micro loose tube design</b>				
<b>Cable diameter</b>	7.9mm	6.6mm	6.6mm	2.5mm
<b>Fibre count</b>	24x12 OF	12x12 OF	8x24 OF	1X24 OF

## Cable strip tool

- Designed for microcables with thin wall thickness,
- We recommend the 0.4mm kit for our B-LITE™ cables.



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