

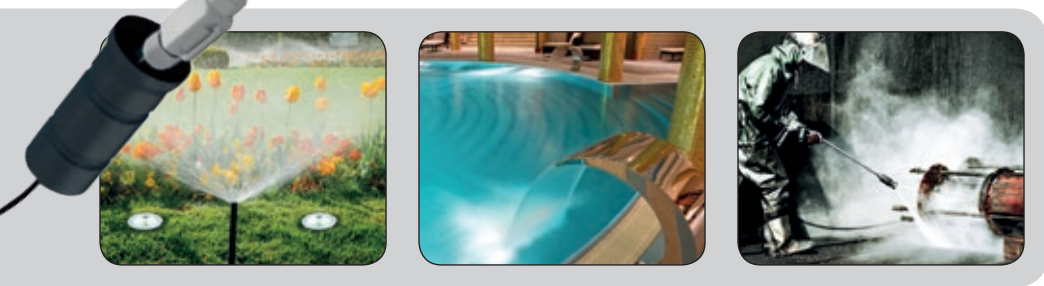
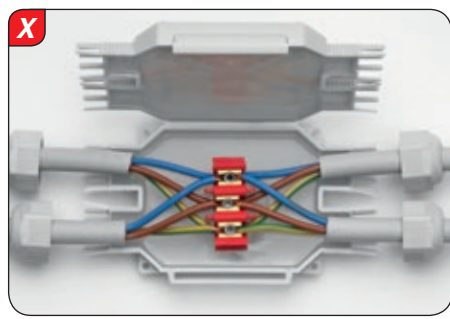
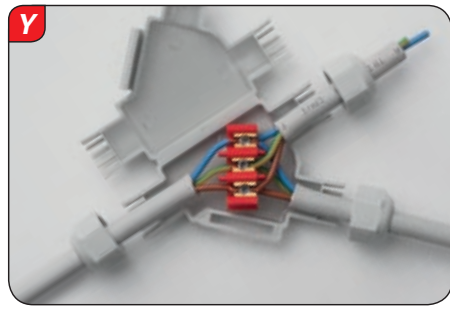
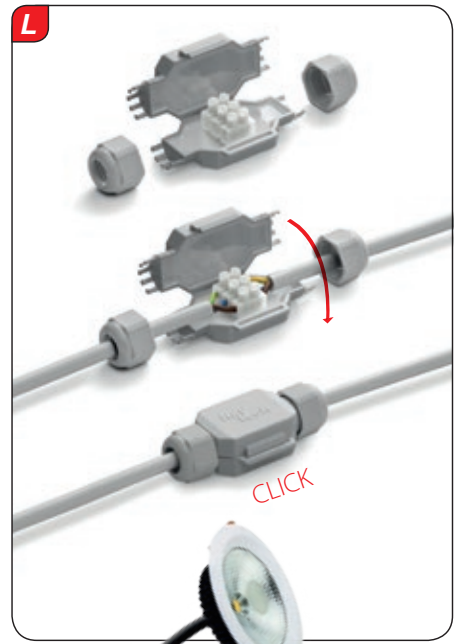
New

# LittleJoint

Joining solutions on hand

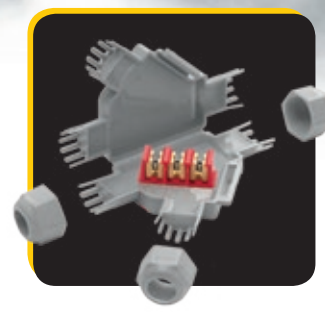
**IP68**  
OFFICIALLY  
TESTED

**IP69K**  
OFFICIALLY  
TESTED



# LittleJoint

The IP68 / IP69K micro-joints, gel pre-filled, complete with connector, suitable for any type of installation, even the most extreme.



**Ray  
tech**

Via Enrico Fermi, 11/13/17  
20019 Settimo Milanese (MI) - ITALY  
Telefono: +39 02 33500147  
[www.raytech.it](http://www.raytech.it)

**Ray  
tech**  
CABLE ACCESSORIES COMPANY

# LittleJoint

- Equipped with cable glands to avoid accidental cable traction
- Complete with screw connectors
- Pre-filled with non-toxic, non-classified gel
- Very compact and ready to use
- Always re-enterable
- Halogen free & UV resistant

**CEI EN 50393** (as applicable)

**Gel:** UL 94-HB

**Operating temperature:** 90°C

**Installation temperature:** -40°C / +50°C

For every type of use, even underground.

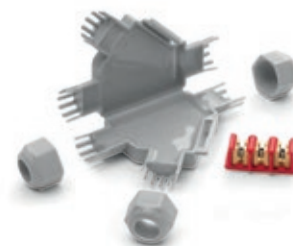
**IP68:** (6) Totally protected against dust and solid objects over 1 mm (tools, wires, and small wires).  
(8) Protected from permanent immersion in water.

**IP69K:** (9K) Protected against close-range high pressure, high temperature spray downs.



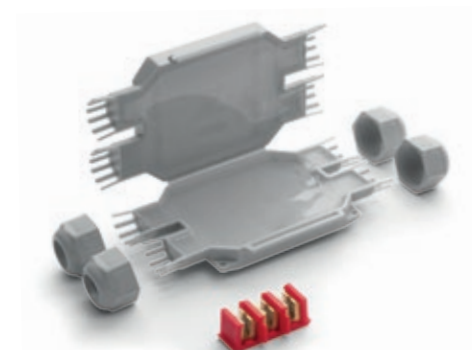
## LittleJoint L

Product	Colour	Connector	Cable formation max (N° x mm <sup>2</sup> )	Ø cable min - max (mm)	A x B x C (mm)	
					Pieces/Pack	
Barney	●				1 / Blister	
Barney - N	●		2 x 2,5	6 - 10	1 / Blister	75 x 28 x 19
Barney MP	●				10 / Multipack	
Fred	●				1 / Blister	
Fred - N	●		3 x 2,5	8 - 13	1 / Blister	80 x 36 x 23
Fred MP	●				10 / Multipack	
Fred/4	●		3 x 4	8 - 13	1 / Blister	80 x 36 x 23
Fred/4 - N	●				1 / Blister	
Dino	●		4 x 4	10 - 16	1 / Blister	125 x 43 x 35
Dino - N	●				1 / Blister	



## LittleJoint Y

Product	Colour	Connector	Cable formation max (N° x mm <sup>2</sup> )		Ø cable min - max (mm)	Pieces/Pack	A x B x C (mm)
			Through	Branch			
Barney Y	●		1 x 4 1 x 2,5	1 x 1,5 1 x 2,5	6 - 10	1 / Blister	85 x 55 x 22
Barney Y - N	●					1 / Blister	
Fred Y	●		3 x 4 3 x 2,5	3 x 1,5 3 x 2,5	8 - 13	1 / Blister	110 x 72 x 25
Fred Y - N	●					1 / Blister	



## LittleJoint X

Product	Colour	Connector	Cable formation max (N° x mm <sup>2</sup> )		Ø cable min - max (mm)	Pieces/Pack	A x B x C (mm)
			Through	Branch			
Bob 4	●		1 cable 3 x 4	2 cables 3 x 4	8 - 13	1 / Blister	105 x 65 x 25
Bob 4 - N	●		3 x 2,5	3 cables 3 x 2,5		1 / Blister	