

EXTRO FLEX Solar Kit



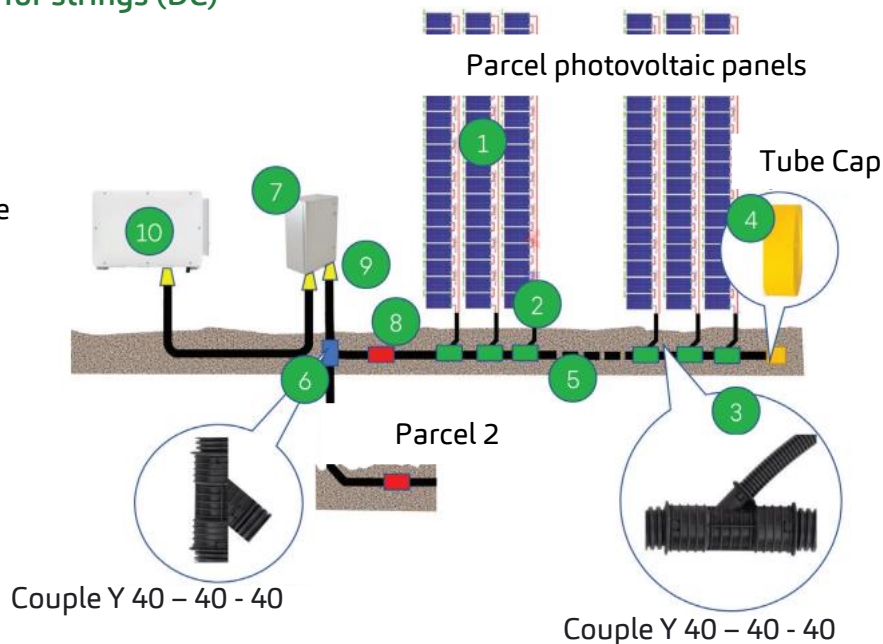
For photovoltaic parks in the open field, on the roof or residential houses, we propose a **Protection system for solar cables: Quality and Efficiency**

The guarantee for tens of years of the operation of photovoltaic systems depends not only on the quality of the parts used, but also on the quality of the workmanship on the construction site. For the best possible infrastructure, which does not allow the solar cables used in the DC system to wear out, we propose a modular protection system that ensures not only the highest quality of execution but also a reduced installation time. Dozens of installation hours can thus be saved using the EXTRO Flex system with specific accessories for UV-resistant photovoltaic installations.

Installation diagram of protection elements for strings (DC)

Legend:

1. Rows of photovoltaic panels
2. Strings protected with EXTRO Flex D20 tube
3. Y-coupler 40 – 20 – 40 for collection
4. Collection tube closing cap
5. EXTRO Flex D40 collection tube
6. Y Coupling 40 – 40 – 40 for optimization
7. String system collection cabinet
8. Joint coupler I 40 – 40
9. Plug D40 switchboard input
10. Inverters



The standard proposed by us consists in the use of EXTRO Flex D 20 tubes for strings and EXTRO Flex D 40 tubes for collecting up to 5 strings in a collector tube. To guarantee a quality installation and above all speed and efficiency on site, we have developed the EXTRO Y 40 20 40 and EXTRO Y 40 40 40 couplings, couplings that are installed by manual insertion, without special tools, with a simple click. Used together with O-ring sealing gaskets, they can also ensure protection class IP 65. By using special couplings, the application of insulating tape on the joints is eliminated - an application that consumes a lot of time, the quality of the execution in that case not being controllable, varying depending on the training of the staff. End plugs and EXTRO I 40 40 couplings complete the system. For the entrance to the fuse panel, we suggest the D 40 gland, and for the D 20 tubes used for strings, the D 20 gland.

We invite you to try the system and save!

More information on www.extro.ro

EXTRO FLEX Solar Kit



Product Catalog

EXTRO FLEX® 320 N

Type	Article Nr.	Option	Exterior Diameter (mm)	Interior Diameter (mm)	Coil size (m)	Pallet size (m)
D20	11101020	Without Wire	20 +0/-0,5	14,2 +/- 0,3	50	3750
	11102020	With Wire				
D40	11101040	Without Wire	40 +0/-0,5	31,8 +/- 0,3	50	1600
	11102040	With Wire				

EXTRO FLEX® Dur 750 N

Type	Article Nr.	Option	Exterior Diameter (mm)	Interior Diameter (mm)	Coil size (m)	Pallet size (m)
D20	12101020	Without Wire	20 +0/-0,5	13,9 +/- 0,3	50	3750
	12102020	With Wire				
D40	12101040	Without Wire	40 +0/-0,5	31,5 +/- 0,3	50	1600
	12102040	With Wire				

Couplings / Gaskets / Seals / Covers (Selection*)

Type	Art. Nr.	Description	Packaging Units/ package	
EXTRO I 40 - 40	81004040	Type I extension coupler, with hook, black, UV resistance, D40 - D40	Bag	350
EXTRO Y 40 - 20 - 40	8Y402040	Collection type Y coupling, with hook, black, UV resistance, D40 - D20 - D40	Bag	200
EXTRO Y 40 - 40 - 40	8Y404040	Collection type Y coupling, with hook, black, UV resistance, D40 - D40 - D40	Bag	200
EXTRO O 40	80000040	Seal type O-ring for sealing IP65, black, UV resistance, D40	Bag	200
EXTRO O 20	80000020	Seal type O-ring for sealing IP65, black, UV resistance, D20	Bag	200
EXTRO Lock 40	85000040	SEM Fast type plug for tube fitting, black, UV resistance, D40	Bag	50
EXTRO Lock 20	85000020	SEM Fast type plug for tube fitting, black, UV resistance, D20	Bag	50
EXTRO Cap 40	8C000040	Embossed tube closing cap D40	Bag	20
EXTRO Cap 20	8C000020	Embossed tube closing cap D20	Bag	20

*The full range of products can be consulted on request

