



ILC

Product Information



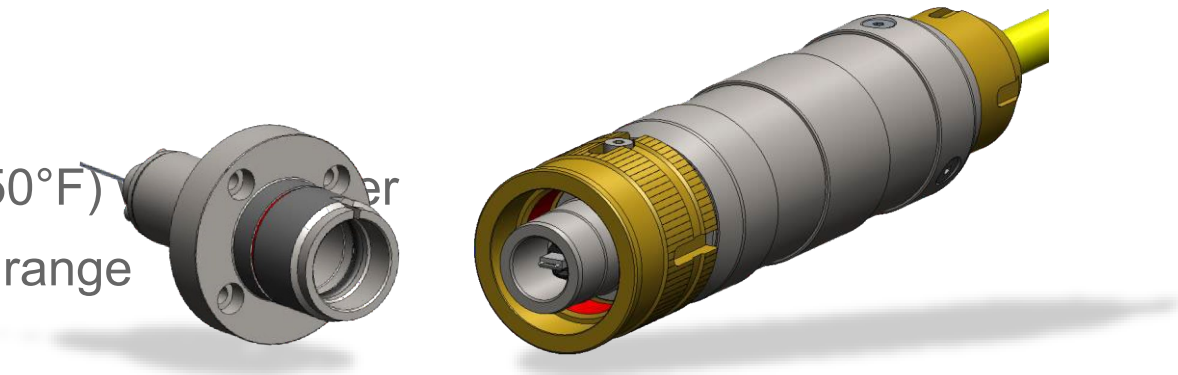
ILC General characteristics

- **Optical Characteristics**

- 12 FO (up to 24)
- SM and/or MM Fiber Optics
- Insertion Loss: 1dB max
- Back Reflection: < -45dB (Full APC)

- **Environmental Characteristics**

- Rated pressure : up to 300 bar (4,260 psi)
- Operating temperature :
- Receptacle: up to -30°C to 121°C (-22°F to 250°F)
- Plug: in according with the cable temperature range
- Mate / Demate cycle : 100 minimum



ILC Type / Configurations

Part Numbering System :

	ILC	-P	SC	-S
Range	ILC Optical In-Line Connector			
Connector Gender	P Plug R Receptacle			
Type of Connector	B Bulkhead AC 90° Angled Cable termination SC Straight Cable termination AH 90° Angled Hose fitting SH Straight Hose fitting LB Looped Back (FO Shunted 1-2; 3-4;...) TEST Test Connector CAP Pressure Cap			
Optical Configuration	S12 Single mode S XX : with number of fibers (standard = 12) M12 Multi-mode M XX : with number of fibers (standard = 12) SXXMXX Applicable for Mixing FO configuration (S10M02; S08M04; S06M06;...)			
Termination Type	00 FO pigtail - 5 metres 01 Cable Type 1 02 Cable Type 2			



ILC Product pictures



Deployment Experience

- The first project manufactured and delivered for Deep Green.
- Products were installed in 2017 and deployed a year after.
- This renewable energy project recognizes the ILC as the standard optical solution in the final system.
- The global initiative is split in multiple step, heading toward massive field deployment
- Farm of dozens of kites are planned if the kite technology demonstrates its efficiency and reliability.

