



Example SmartLink

Key Features

- HPHT Capability
- All Metal Sealing
- Fully Testable Seals
- Low Profile Design
- Suitable for Corrosive Environment Service

About SmartLink

SmartLink is a low profile connection system designed to connect fiber optic components. SmartLink can be used for inter-sensor connection such as Smart Fibres' multi-drop SmartPort P/T gauges for permanent reservoir monitoring, or the joining of downhole fiber optic cables. SmartLink has been designed and developed to require minimal assembly time during deployment and to provide a long term reliable protection of the optical connections from the extreme HPHT environment that can be experienced downhole.

SmartLink offers the flexibility to accommodate changes in deployment configurations and is field proven for rapid spooled deployment over a cable sheave, therefore reducing the deployment time and cost.

SmartLink has a high capacity for fusion spliced optical fiber connections or miniature connectors and, with all pressure testable metal to metal seals, it is equally suitable for factory or on-site field assembly.

Specifications

Parameter	Value		
Max. Pressure Rating	15,000 psi / 1,000 bar	10,000 psi / 700 bar	5,000 psi / 350 bar
Max. Temperature Rating	400 °F / 200 °C		
Materials	Inconel 718 (NACE MR0175)		Stainless steel 316
Sealing	All metal seals, pressure tested		
Dimensions	¾ x 18.3"	1 x 20.25"	1 x 20.25"
Assembly and Seal Testing Time	≤ 2 hrs		

Specifications may change without notice

Ordering Information

Product Type		Pressure
S-Link	-	X
		5k
		10k
		15k

Order code example:
S-Link-10k

Variant Description	Variant Options	Variant Code
Pressure Rating	5,000 psi (350 bar)	5k
	10,000 psi (700 bar)	10k
	15,000 psi (1,000 bar)	15k