

# Well Intervention

## Reservoir monitoring

### Slicklight FO Slickline

**Robust microcable for harsh environment. Suitable for downhole slickline operations with distributed real-time sensing capabilities (DTS, DAS systems).**

DFOS fiber optics provides the near real-time analysis capturing aspects of dynamic well behaviour environment over the entire well length which is not possible with traditional point measurements.

#### Applications

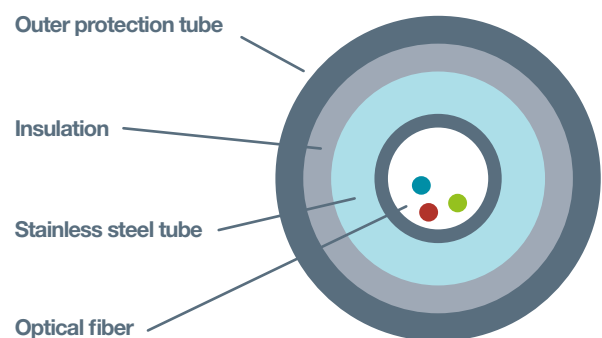
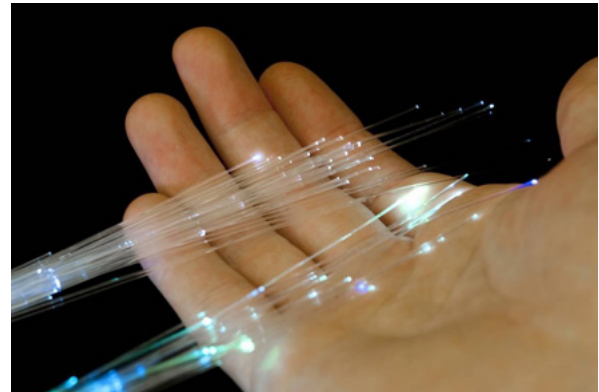
- Slickline operation with distributed real time sensing capabilities (DTS/DAS systems)
- Retrievable downhole cable
- Distributed temperature monitoring
- Signal transmission from downhole tools
- Robust micro cable for harsh environments

#### Features

- Compact and light weight
- Corrosion resistant wire
- Resilient to high temperatures
- Hydrogen resistant fibre

#### Benefits

- Distributed fiber gives us the opportunity to monitor dynamic behaviour in wells
- Operators will extract value from fiber if it directly helps them to manage their well or reservoir or influences decisions.
- If data can be processed quickly it opens the opportunity to apply corrective measures during the same rig-up or intervention
- The keys factors are:
  - o Ease of deployment
  - o Simple acquisition
  - o Fast processing



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Design details		
FIMT diameter (OD / ID)	0.071" / 0.055"	1,8 / 1,4
Protection tube outer diameter	0.157"	4,0 mm
Protection tube total wall thickness	0.020"	0,5 mm
Cable weight	0.042 lb/ft	62 kg/km
FIMT optical fibers (number x type)	2 x SM1250 (10.4/125) HT or CHT	

Operating parameters		
Operating temperature	-40°F / 300°F	-40°C / +150°C
Rated tensile strength	1300 lb	5,8 kN
Max. operating tension	800lb	3,5 kN
Rated collapse pressure of protection tube	17, 300 psi	1195 bar
Min. bending radius without tensile load	3.1"	80 mm
Min. sheave diameter for max. operating tension	11.8"	300 mm

Order information	
Design	Part number
SlickLight 4.0 mm - 316L/825 - 2 SM1250 (10.4/125) HT -	0454-79354-70
SlickLight 4.0 mm - 316L/825 - 2 SM1250 (10.4/125) CHT -	0454-79342-70

Note: Other sizes, configurations and pressure ratings are available to meet most applications, for more information contact your local Expro representative or email [wellintervention@exprogroup.com](mailto:wellintervention@exprogroup.com)