Optical sensing cable

# DSS

## Armoured Subsea Pipeline Strain-Sensing Cable

Optical sensing cable

**Optical sensing cable** **Order-specific design**

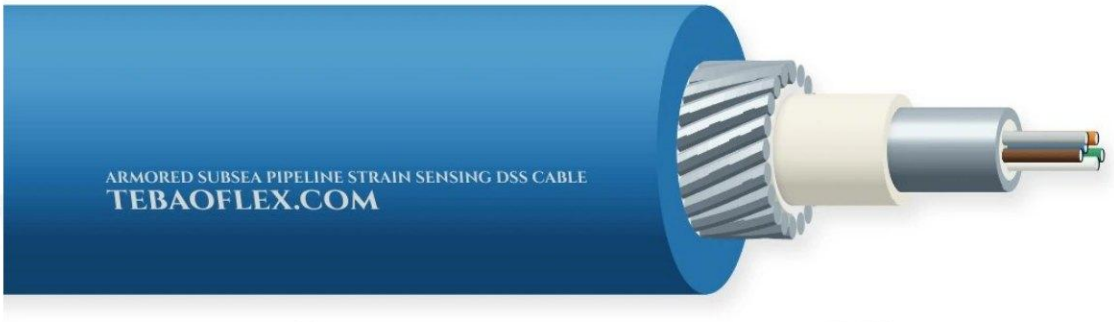



## Application

Optical path for distributed sensing or subsea monitoring. Fibre type, strain coupling, protective tube and termination are selected for the sensing method.

**Typical uses:** Oil and gas, Marine and offshore, Condition monitoring

## Construction






Cross-section, not to scale

| | | |
|---|---|---|
| 1 | Sensing element | Optical fibre |
| 2 | Dielectric barrier | Optical fibre in metal tube |
| 3 | Outer sheath | Metallic armour |

## Technical data

Typical values

| | | | |
|---|---|---|---|
| Service profile | Fixed installation with installation flexing | Optical technology | DSS |
| Water exposure | Specify depth, pressure and water chemistry | Chemical compatibility | Verify against the actual fluid and temperature |
| Standards | Order-specific design | | |

## Sizes

1 standard constructions

**Tick the sizes you need** and send this page to info@tebaoflex.com or WhatsApp +86 185 9591 3361.

| | Configuration | Rated voltage | Insulation | Outer sheath | Core arrangement |
|---|---|---|---|---|---|
| ☐ | DSS | – | Optical fibre in metal tube | Metallic armour | Optical sensing elements |

– This reference row describes a construction, not an orderable size. Provide the required core count and cross-section with the enquiry.

## Standards and approvals

## Certifications

**Management systems:** ISO 9001, ISO 14001, ISO 45001

### Request a quotation

Send the size, length and destination. An application engineer replies within 2 business hours.

WhatsApp / phone
**+86 185 9591 3361**

Email
**info@tebaoflex.com**

Web
**tebaoflex.com/cables/armoured-subsea-pipeline-strain-sensing-fibre-cable**

Typical values for this cable type, based on Order-specific design. Values for your order are confirmed in the quotation. Subject to change without notice. Jiangsu Tebaoflex Special Cable Co., Ltd., Taicang, Jiangsu, China.