About Us

Prysmian is a global market leader in optical cables, supplying a major part of the world’s optical cable needs. With a strong heritage of highly advanced R&D, Prysmian is at the leading edge of the technology.

With a worldwide telecom manufacturing presence in 12 countries and in 4 continents Prysmian’s global experience and local manufacturing capacity is a significant force in the international marketplace, assuring continuity of supply and high level of service.

Prysmian’s optical technology encompasses optical fibers, cables, connectivity, projects and services ensuring that not only the right cable but the right total optical communication system is matched to our customers’ needs.

Prysmian offers a complete service from design, development and manufacture through to technical support of commissioned cable networks. Planning and logistics are the cornerstone of our operation, with quality maintained through the expertise and dedication of all our staff working across the business to ISO 9001 and 14000 standards.

When a project is in Prysmian’s hands, our customers can depend on a total quality service.

Specifications are subject to change without notice. Cable are designed and tested according to the main national and international specifications (IEC specifications).

Figure of 8

Self supporting optical cable for installation on poles

> Fibre count up to 144f
> Aerial telecom systems
> Fast deployment
Figure of 8

A self supporting optical cable in a figure of 8 configuration, for installation on telecom poles. Available with steel laminate (SPL) protection from shotgun damage.

Benefits

- Fibre count up to 144f
- Suitable for all aerial light applications except power lines
- Low installation costs
- Excellent handling characteristics
- Utilizes traditional aerial cable hardware
- Suitable for short or medium span routes
- Also available unarmoured

Full range of fibre types

- G.651 (Multi mode fibre)
- G.652 (Single mode fibre)
- G.655 (NZD fibre for DWDM applications)

Full range of protections

- Water blocked
- Rodent resistant
- Impact resistant
- Hydrocarbon resistant
- Flame retardant (Afumex™)
- Impact resistant (Airbag™)
- Shotgun resistant
- Earth resistance 125 kΩ

Full range of applications

- Outdoor
- Indoor
- Metro
- Aerial
- Underground
- Indoor

Further protections available

- Impact resistant
- Rodent resistant
- Shotgun resistant
- Earth resistance 125 kΩ

Number of fibres

<table>
<thead>
<tr>
<th>Number of Fibres</th>
<th>up to 72</th>
<th>up to 144</th>
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</thead>
<tbody>
<tr>
<td>Diameter (mm)</td>
<td>Major</td>
<td>Minor</td>
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<tr>
<td></td>
<td>23</td>
<td>16.5</td>
</tr>
<tr>
<td></td>
<td>28</td>
<td>22.5</td>
</tr>
<tr>
<td>Cable weight (kg/km)</td>
<td>up to 15000</td>
<td></td>
</tr>
<tr>
<td>Minimum bend radius (mm)</td>
<td>250-300</td>
<td></td>
</tr>
<tr>
<td>Maximum working tension (mm)</td>
<td>up to 15000</td>
<td></td>
</tr>
<tr>
<td>Operating temperature range (°C)</td>
<td>-40/+70</td>
<td></td>
</tr>
</tbody>
</table>

* Referred to the dielectric design.

Any questions? Our team of experienced technical staff is ready to talk to you. See contact details.
Figure of 8

A self supporting optical cable in a figure of 8 configuration, for installation on telecom poles. Available with steel laminate (SPL) protection from shotgun damage.

Benefits
- Fibre count up to 144f
- Suitable for all aerial light applications except power lines
- Low installation costs
- Excellent handling characteristics
- Utilizes traditional aerial cable hardware
- Suitable for short or medium span routes
- Also available unarmoured

Full range of fibre types
- G.651 (Multi mode fibre)
- G.652 (Single mode fibre)
- G.655 (NZD fibre for DWDM applications)

Full range of protections
- Water blocked
- Rodent resistant
- Impact resistant
- Oil/hydrocarbon resistant
- Flame retardant (Afumex™)
- Impact resistant (Airbag™)
- Shotgun resistant (25 kV)

TYPICAL PARAMETERS*

<table>
<thead>
<tr>
<th>Number of fibres</th>
<th>up to 72</th>
<th>up to 144</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diameter (minor axes) mm</td>
<td>11.5</td>
<td>16.5</td>
</tr>
<tr>
<td>Diameter (major axes) mm</td>
<td>23</td>
<td>28</td>
</tr>
<tr>
<td>Cable weight kg/km</td>
<td>260</td>
<td>370</td>
</tr>
<tr>
<td>Minimum bend radius mm</td>
<td>250-300</td>
<td></td>
</tr>
<tr>
<td>Maximum working tension mm</td>
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