

CABLE



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.

Prysmian has a worldwide telecom manufacturing presence in 12 countries and 4 continents. This global expertise and local manufacturing capacity make Prysmian a significant force in the international marketplace, assuring continuity of supply and high levels of service.

Prysmian's optical technology encompasses optical fibres, 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.

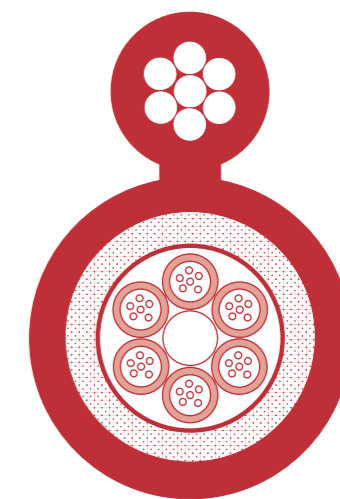
Prysmian offers a complete service from design, development and manufacture through to technical support of commissioned cable networks. Planning and logistics are the cornerstone of our operation, with quality maintained through the expertise and dedication of all our staff working across the business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

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

Figure of 8

Self supporting optical cable for installation on poles

- > **Fibre count up to 144f**
- > **Aerial telecom systems**
- > **Fast deployment**



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

dega design group

2008

2008

Prysmian Cables and Systems

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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.

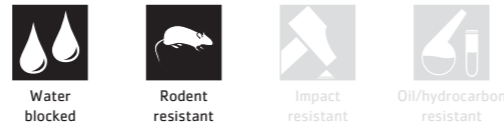
Benefits

- > 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



Full range of applications



Further protections available



CROSS SECTION DRAWING

Armoured + metallic version

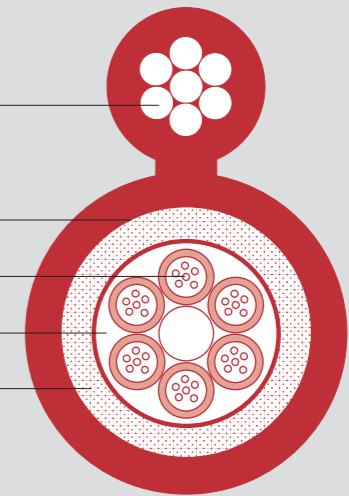
Steel messenger

Outer plastic sheath

Buffer tubes with optical fibres

Waterblocking compound

(Metallic tape)



TYPICAL PARAMETERS*

Number of fibres	n°	up to 72	up to 144
Diameter (minor axes)	mm	11.5	16.5
	(major axes)	mm	23
Cable weight	kg/km	260	370
Minimum bend radius	mm	250-300	
Maximum working tension	mm	up to 15000	
Operating temperature range	°C	-40°/+70°	

* Referred to the dielectric design.

Figure of 8

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