

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.

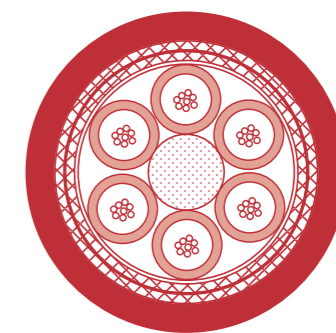
Prysmian offers a complete service from design, development and manufacture through to technical support of commissioned cable networks. Planning and logistics are the cornerstone of our operation, with quality maintained through the expertise and dedication of all our staff working across the business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

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

Lashed Aerial System



- > **Fibre count up to 96f**
- > **Overhead power line applications**
- > **Fast deployment**
- > **Turnkey cable system**



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

Viale Sarca 222, 20126 Milano, Italy - tel. +39 02 6449 4596, fax +39 02 6449 4558 - telecom@prysmian.com



www.prysmian.com





CROSS SECTION DRAWING

Lashed Aerial System

An all dielectric optical cable installed either to a messenger, to a groundwire or phase conductor of an overhead power line by using lashing tape or clips.

Benefits

- > Fibre count up to 96f
- > Suitable for all aerial applications where messenger wire is available (including power lines)
- > Limited hardware requirement
- > Applicable for long, medium and short span routes
- > Fast deployment
- > Available with single or double jacket

Installed cable system

Full range of fibre types

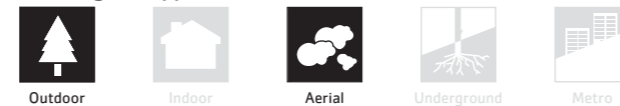
The Prysmian lashed cable system includes all fixtures and fittings such as joints, clamps and insulation devices. Furthermore Prysmian can provide all installation machinery together with engineering, supervision, installation and commissioning services as required.

- > G.651 (Multi mode fibre)
- > G.652 (Single mode fibre)
- > G.655 (NZD fibre)

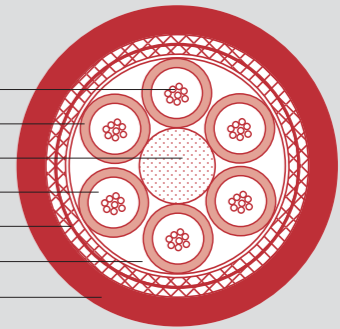
Full range of protections



Full range of applications



Further protections available



- Optical fibres
- Small PBT loose buffer tubes
- Threaded glass rod
- Waterblocking compound
- Aramid tapes
- Flooding compounds
- Outer sheath

TYPICAL PARAMETERS

	n°	up to 36	up to 72	up to 96
Nominal outer diameter	mm	12.3	13.5	14.1
Cable weight	kg/km	118	143	156
Tensile strength	N	2000	2000	2000
Minimum bend radius	mm	20xD	20xD	20xD
Operating temperature range	°C		-30°/+70°	

Lashed

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