

CABLE

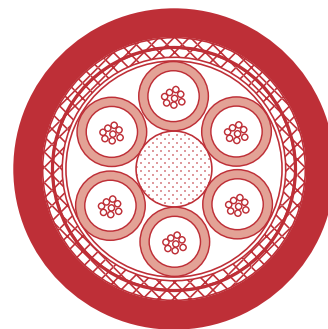


Lashed Aerial System



**All dielectric optical cable
attached to overhead wires**

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



CABLE

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



Water blocked



Rodent resistant



Impact resistant



Oil/hydrocarbon resistant

Full range of applications



Outdoor



Indoor



Aerial



Underground



Metro

Further protections available



Flame retardant (Afumex™)



Impact resistant (Airbag™)



Rodent resistant



Shotgun resistant



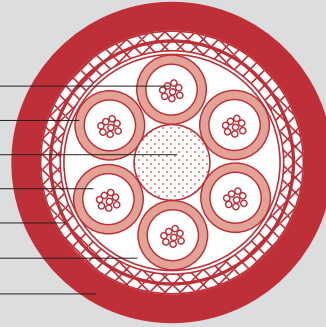
Track resistant (25 kV)

Lashed



CROSS SECTION DRAWING

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



TYPICAL PARAMETERS

Number of fibres	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°	

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

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).

dega design group