

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.

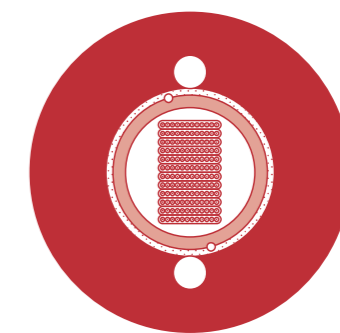
Prysmian offers a complete service from design, development and manufacture through to technical support of commissioned cable networks. Planning and logistics are the cornerstone of our operation, with quality maintained through the expertise and dedication of all our staff working across the business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

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

FusionLink™

Ribbon in Central Loose Tube

- > Fibre count up to 216f
- > Ribbon for rapid splicing
- > Easy handling



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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FusionLink™

High fibre density with ribbons packed into a central loose tube. Also available with corrugated steel protection (ARCLT™).

Benefits

- > Fibre count up to 216f
- > 12 fibre ribbons in Central Loose Tube design
- > Small and lightweight cable design allows easy handling
- > High fibre density
- > Easy fibre accessibility
- > Precision ribbon geometry allows time and labour savings during fibre splicing
- > Particularly suitable for access applications



Full range of protections



Full range of applications

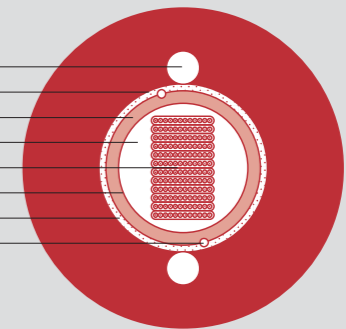


Further protections available



CROSS SECTION DRAWING

Outer sheath
Outer strength members
Water swellable tape
Waterblocking compound
Fibre ribbons
Central tube
Metallic armour
Longitudinal ripcord



TYPICAL PARAMETERS

Number of fibres	n°	36-96	108-216
Nominal outer diameter	mm	15.5	18.1
Cable weight	kg/km	240	300
Minimum bend radius	mm	230	270
Tensile strength	N	2700	2700

Temperatures Operation	°C	-30/+70
Temperatures Installation	°C	-10/+40
Temperatures Storage	°C	-40/+70

* Referred to the metallic design. Other designs are available on request.