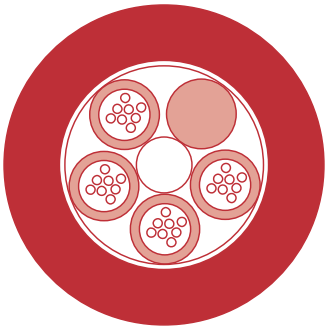
CABLE

Small Diameter Blown Cables

Small loose tube cables for easy installation

- High capacity – up to 288f
- High fibre density
- Rapid blown installation
- Incremental deployment

Recommended for **FTTx**



Small Diameter Blown Cables

Prysmian offers a range of low to high fibre count cables for installation by blowing into small bore mini-ducts and sub-ducts. This range of designs provide:

- High capacity - up to 288-fibre.
- High fibre density.
- Rapid blown installation (small / lightweight).
- Incremental deployment.

For applications requiring anything from 12 to 288-fibres, the blown cable portfolio provides a fast and efficient means of building a network. The cable range uses very small loose tubes containing 12-fibres to create a range of designs especially developed for blown installation. Most cable designs will blow, but some will blow significantly further and faster than others. Many aspects of cable design are significant in producing a cable which is maximised for its blowing efficiency. Size, strength, weight, stiffness, sheath material etc will all impact length and speed of blown installation. Prysmian's series of blown cables have been developed over a number of years using our own test track, our customers field test facilities as well as deployment in a variety of network infrastructures. Prysmian is able to supply the cable, the fibre management solutions required and the service or the resource to complete the introduction of blown cables in your network.

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)

PRYSMIAN CABLES & SYSTEMS

Low to high fibre count designs for duct application with multiple tubes (up to 6) containing 12-fibres. Can be installed in 8 / 10 mm mini -ducts.

DESIGN PARAMETERS

Fibrecount		to 72
Nominal outer diameter	mm	6.1
Nominal cable weight	kg/km	30

PERFORMANCE SPECIFICATIONS

		Op.	Inst.
Tensile strength	N	-	300
Min. bend radius	mm	90	120
Crush resistance	N	-	1000

Temperatures Operation	°C	-20/+60
Temperatures Installation	°C	-5/+40
Temperatures Storage	°C	-40/+70

High fibre count designs for duct application with single (12) or double layers (24) of tubes each with 12-fibres. Both designs can be installed in 20 / 25 mm sub-duct.

DESIGN PARAMETERS

Fibrecount		144	288
Nominal outer diameter	mm	11.5	15.1
Cable weight	kg/km	110	185

PERFORMANCE SPECIFICATIONS

		Op.	Inst.	Op.	Inst.
Tensile strength	N	-	1600	-	2700
Min. bend radius	mm	190	230	200	300
Crush resistance	N	-	2000	-	1500

Temperatures Operation	°C	-20/+60
Temperatures Installation	°C	-10/+40
Temperatures Storage	°C	-40/+70

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

PRYSMIAN CABLES & SYSTEMS

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.

Prysmian Cables and Systems
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