

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.

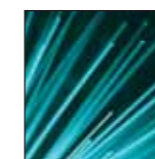
Prysmian offers a complete service from design, development and manufacture through to technical support of commissioned cable networks. Planning and logistics are the cornerstone of our operation, with quality maintained through the expertise and dedication of all our staff working across the business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

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

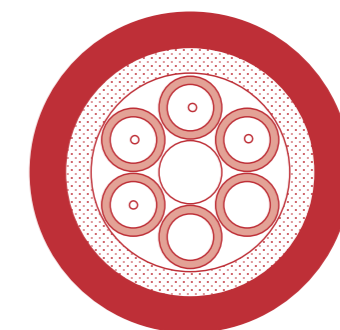
Sirocco® Blown Fibre and Tube

The perfect solution for the uncertainty of local network development

- > **Minimum initial expenditure**
- > **Flexibility to add fibre capacity if necessary**
- > **Avoid costly splicing**
- > **Rapid installation and repair**
- > **Easy break-out of fibres**



Recommended for **FTTx**



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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Sirocco® Blown Fibre and Tube



Sirocco® is the perfect solution for the uncertainty of local network development, minimising up-front expenditure but providing future-proofing to respond to user needs.

The first application of Sirocco Blown Fibre & Tube will be to create today's network to meet today's needs. This could be installing a 4-tube cable, and blowing a 2-fibre multimode unit into one of the tubes. That may be it. Or more capacity may be needed there or nearby some time later. Use the other tubes or simply plug extender tubes and blow through to where capacity is needed.

The Sirocco range offers:

- Fibrecounts (2, 4, 8 & 12).
- Fibre Types (SMF, MM full range).
- Tube types (direct burial, duct & internal).
- Tube counts up to 24-way.

These solutions are most suited to access rings and WAN's, nodal spurs, in-building and between building LAN's and for any of the FTTx (home, office, building or desk) applications combined with Prysmian's FTTx product portfolio.

Prysmian is also able to supply Sirocco fibre and tube, the fibre management solutions required, Sirocco installation equipment and the service or the resource to complete the introduction of Sirocco in your network.



Full range of protections



Full range of applications



Further protections available



BLOWN FIBRE UNITS - PRODUCT INFORMATION

Utilising its core competencies in the manufacturing and cabling of optical fibre, Prysmian produces optical fibre units specifically engineered for Blown Fibre applications. The fibres are contained in a soft inner acrylate layer which cushions the fibres, an outer harder layer which protects the fibre from damage and a low friction layer that assists in improving blowing distance, which is typically in excess of 1000 metres. The Sirocco units are available in a range of lengths up to 6000 metres.

2 Fibre Unit

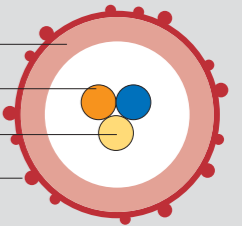
Diameter	mm	1.0
Weight	g/m	0.8
Breakout	minutes	2 (typical)
Blowing distance	m	1000 (typical)
Fibres		two + ripcord
Fibre Colours		blue, orange
Packaging		fibre rosette into pan
Fibre Types		SM, MM50/125, MM62.5/125, OM3

Resin Matrix

Fibre

Ripcord

Low Friction Coating



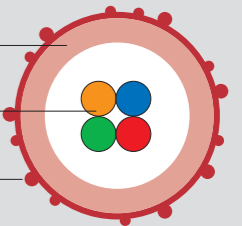
4 Fibre Unit

Diameter	mm	1.0
Weight	g/m	0.8
Breakout	minutes	3 (typical)
Blowing distance	m	1000 (typical)
Fibres		four
Fibre Colours		blue, orange, green, red
Packaging		fibre rosette into pan
Fibre Types		SM, MM50/125, MM62.5/125, OM3

Resin Matrix

Fibre

Low Friction Coating



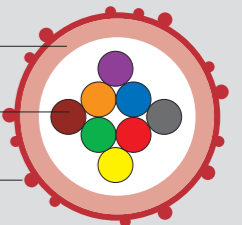
8 Fibre Unit

Diameter	mm	1.4
Weight	g/m	1.5
Breakout	minutes	5 (typical)
Blowing distance	m	1000 (typical)
Fibres		eight
Fibre Colours		blue, orange, green, red, violet, grey, yellow, brown
Packaging		fibre rosette into pan
Fibre Types		SM, MM50/125, MM62.5/125, OM3

Resin Matrix

Fibre

Low Friction Coating



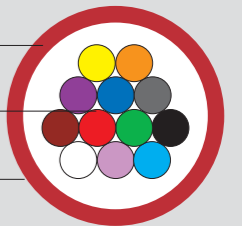
12 Fibre Unit

Diameter	mm	1.3
Colour		grey
Weight	g/m	1.64
Breakout	minutes	8 (typical)
Blowing distance	m	1000 (typical)
Fibres		twelve
Fibre Colours		blue, orange, green, red, violet, grey, yellow, brown, black, white, pink, turquoise
Packaging		fibre rosette into pan
Fibre Types		SM, MM50/125, MM62.5/125, OM3

Resin Matrix

Fibre

Low Friction Coating



BLOWN FIBRE TUBE CABLE - PRODUCT INFORMATION

Tube No.	Tube O.D (mm)	Tube I.D. (mm)	Tube cable Assembly O.D. (mm)		
			Duct	Buried	Internal
1 Way	5	3.5	9.4	13.2	5.0
2 Way	5	3.5	8.8x13.8	13.2x18.2	7.2x12.2
4 Way	5	3.5	16.5	22.3	12.2
7 Way	5	3.5	19.4	23.3	17.2
12 Way	5	3.5	24.8	29.5	22.5
19 Way	5	3.5	28.8	33.8	27.2
24 Way	5	3.5	34.4	39.1	31.7

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