

It is served!

Our all-inclusive menu, feeding your Wireless Solutions.



Read more

An Australian dish packed with energy and fibres.

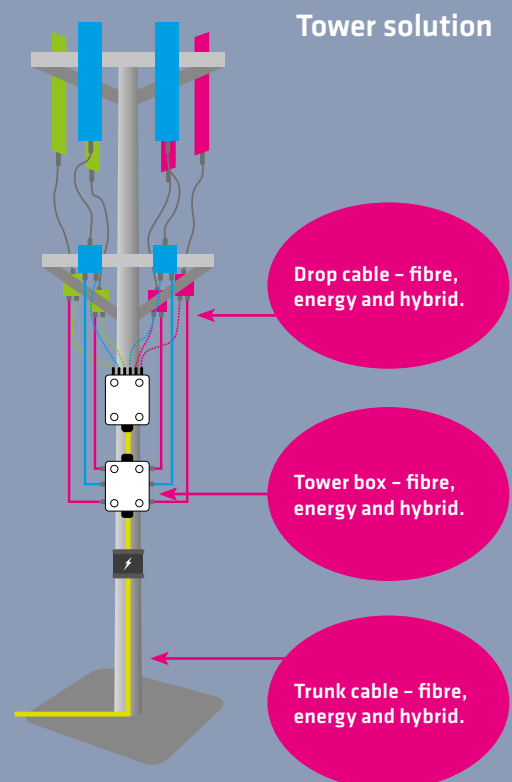
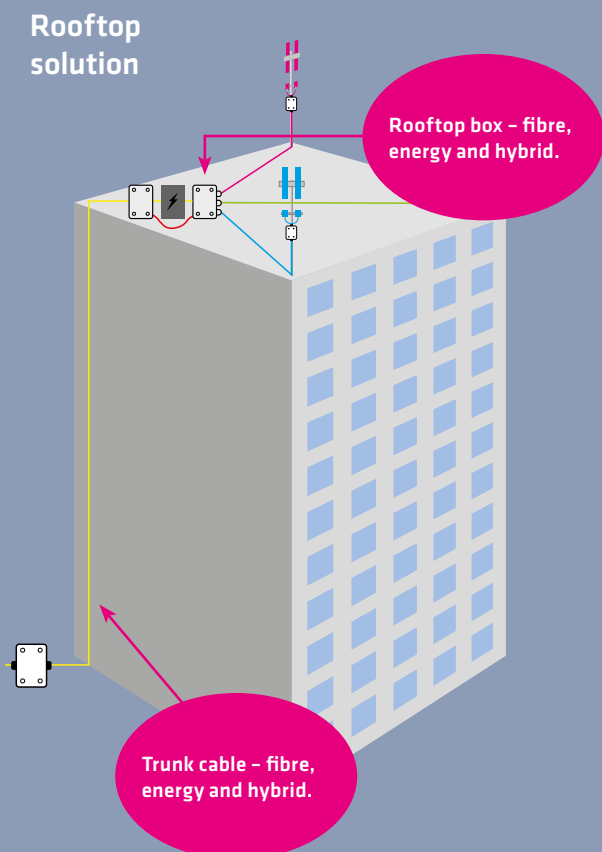
On the menu: complete and easy to install cable solutions that'll serve your wireless networks flawlessly, today and tomorrow. Being at the forefront of both the energy and telecom evolution we can put whatever you need on the table and have it prepared rapidly right here in Australia. And should you not find your favourite flavour we will gladly develop a recipe and put it on the menu, just for you. Bon appetite!

Vanguard solutions for Wireless Networks

With the evolution of the mobile market moving fast towards 5G, wireless networks will require a cable supplier offering knowledge in both energy and optical solutions. And rest assured, at Prysmian we have both the local knowledge needed to understand the environmental conditions we're up against in Australia on a daily basis, and the special skills it takes to develop total and reliable solutions serving your wireless networks from rooftops and towers.

Being a local manufacturer gives us the means to quickly solve and produce solutions, while our global presence and relationships with the key mobile and wireless providers, allow us to understand new processes and practises creating products today for the market of tomorrow.

At our manufacturing facilities in Liverpool (energy) and Dee Why (Telecommunications) we can make full use of our Research and Development team to execute advanced tests and thorough, yet quick, analysis in order to produce tailor-made and innovative solutions meeting your every need.



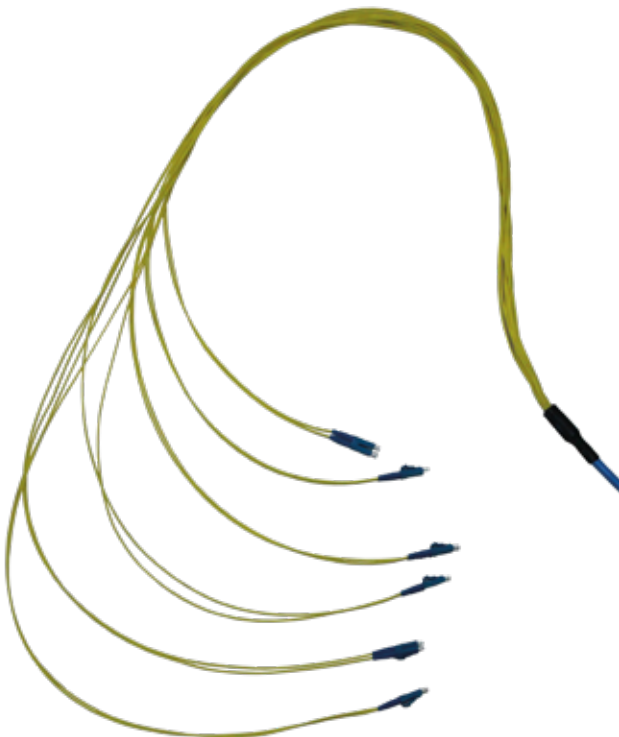
Prysmian Group is world leader in the energy and telecom cable systems industry. With almost 140 years of experience, sales exceeding €11 billion (pro-forma as of 31.12.2017), about 30,000 employees in over 50 countries and 112 plants, the Group is strongly positioned in high-tech markets and offers the widest possible range of products, services, technologies and know-how.

The Prysmian Group corporate brand, operates in the market through three distinct commercial brands – Prysmian, Draka and General Cable. These are three of the global cable industry's strongest brands, characterised by highly complementary products and services. We use our three commercial brands when talking about products and solutions, and each represents a specific part of the overall offering that Prysmian Group presents to its customers.

Trunk cables - fibre, energy and hybrid

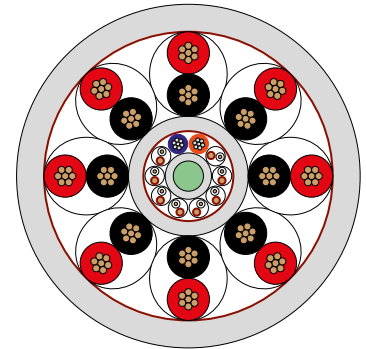
FIBRE CABLE

- 12F to 144F pre-terminated solutions.
- Fast and flexible deployment.
- High UV resistance.
- Bird proof conduit available if required.
- Harsh environment IP 68 rated connectors available.



WIFI HYBRID CABLE

- 8x2.5 mm² copper pairs in a LDPE sheath.
- 8x0.5 mm signal wires for monitoring systems.
- 24xG.657.A1 fibres for data.
- Copper tape for protection and return path solution.
- 28 mm cable to work with current RF clamps used on the towers.
- Black PE sheath with high UV resistance.



MOBILE HYBRID CABLE

- 2.5 mm² up to 10 mm²
- Class 5 conductors.
- Multiple copper conductors.
- Fibre cable G.657.A1 fibre up to 72F.
- Cable diameter of 28 mm or 40 mm to fit standard cable clamps.
- Pre-terminated to length for site specific solutions.



ENERGY CABLES

Prysmian also supply a variety of energy cables for this application – for more information please contact us.

All sizes and values without tolerances are reference values. Specifications are for product as supplied by Prysmian Group; any modification or alteration afterwards of product may give different result. The information contained within this document must not be copied, reprinted or reproduced in any form, either wholly or in part, without the written consent of Prysmian Group. The information is believed to be correct at the time of issue. Prysmian Group reserves the right to amend this specification without prior notice. This specification is not contractually valid unless specifically authorised by Prysmian Group.



Drop cables – fibre, energy and hybrid

FIBRE OPTIC CABLE

- 2F to 24F PryTerms™
- Fast and flexible deployment
- High UV resistance
- Bird proof conduit available if required
- Harsh environment IP 68 rated connectors available

MOBILE/WIFI HYBRID CABLE

- 2.5 mm² up to 10 mm²
- Class 5 conductors.
- 12F up to 72F G.657.A2
- 26 mm up to 40 mm.
- High UV resistance.
- Bird protection (armouring).
- Compatible with all electrical and optical solutions.

ENERGY CABLES

- 2.5 mm² to 10 mm² XLPE insulated with armouring.
- High UV resistance.
- Bird proof conduit available if required.
- Pre-terminated, if required.



Fibre optic cable



Mobile hybrid drop cable



WIFI hybrid drop cable

Tower and rooftop boxes

WIFI BOX

- IP 68 rated tower/rooftop box.
- Hybrid solutions for up to 8 POE convertors.
- Power surge protectors.
- Fibre LC terminations.
- High UV resistant box.
- Quick easy deployment for reduced installation time.
- Tethered covers and caps.
- Up to 8 integrated POE switches.
- Customised internal power and fibre.



MOBILE BOX

- An aerial enclosure designed to take a single incoming pre-terminated hybrid cable, and redistribute up to 4 Hybrid RRH jumper cables.
- Internally tethered to improve aesthetics and prevent damage or loss.
- Simple installation with basic tools.
- Pre-configured and delivered to customer specification.



Accessories

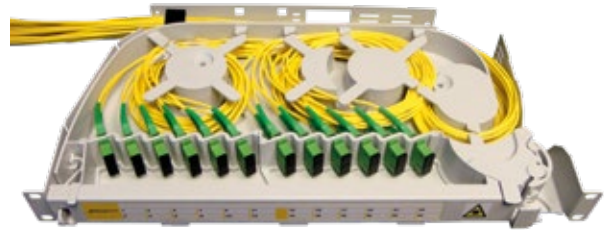
SLACK STORAGE SYSTEMS - SRS3000 1U STORAGE SHELF

- Storage of PryTerms™ or the PryTerms™ overlength.
- Suitable for installation into 19" ETSI and ANSI racks.
- Storage module pivots outwards for easy patch cord access.
- All fibres are positively bend managed to a 30 mm radius.
- Supplied with large cover label and front panels, for easy identification and data recording.



RACK TERMINATION PANELS - BASE STATION

- Modular panel design enabling easy capacity upgrades from 12 to 48 adapters.
- Suitable for installation into 19" ETSI and ANSI racks, wall mounted and street-side cabinets.
- Patch module pivots outwards for each fibre access and maintenance.
- Panel can be used for optical splitters and other passive devices in alternative configurations.



FLEXICON - BIRD PROOF CABLE PROTECTION SYSTEM

- Conduit has high mechanical strength, meaning beaks and talons cannot penetrate.
- High UV protection, as it has a carbon black additive for long life in the outdoors.
- Tried, tested and approved for Optus and Telstra networks.
- Wide temperature range of -40 °C to 120 °C.
- IP ratings of IP 66, 67, 68 and 69 K when used with FPAX fittings.



PULLING SOLUTIONS

Prysmian offer three different pulling solutions that give a variety of protection:

- Light duty can be a light weight conduit or pulling sock. Capable of pulling low force items through uncongested large diameter circuits.
- Medium duty offering more robust protection, and a pulling force of up to 250 N.
- Heavy duty has a high impact conduit, with a pulling force of 1 kN. As well as this, it provides protection cover for the fibres, that is easy to remove/replace when not in use.

All of the pulling systems are designed for total protection with full flexibility, aiding the installation process whilst not impacting the performance of the cable.

We can tailor make options for other solutions if required.



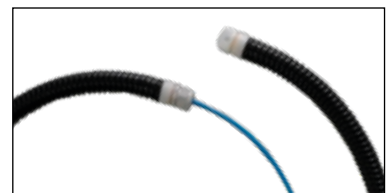
Light duty connector protection



Medium duty connector protection & pulling sock



Heavy duty connector protection & pulling sock



Linking the future

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Prysmian Australia & New Zealand



Prysmian Group



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