Size matters.

SM@RTCORE® fibre cables make room for more.
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Our size-reduced, SM@RTCORE® range of fibre optic loose tube cables saves you space, time and money. It’s easier to install and you can increase the number of fibres in a duct, lower the number of ducts needed or extend the life of existing ducts. Plus, the strong, still smooth, polyethylene/nylon sheath protects against termites and reduces friction. Australian made? Yes, of course.

SM@RTCORE®

Application
Prysmian’s SM@RTCORE® range of Fibre Optic Loose Tube Cables are a significant advancement in the technology of Loose Tube Cable manufacture. Using state of the art manufacturing technology and control, we have engineered down the size of our cables to levels well below traditional cable design. This reduction in size offers many benefits for both installers and network owners.

Room for more
Reduced diameter, smaller cable cross-section, high fibre density.

Increased duct utilisation
Enables increased duct utilisation compared with conventional loose tube cable.

Longer lengths
Longer lengths on any given drum, lowering installation costs by maximising run lengths, minimising jointing and reducing network power loss.

Composite outer sheath
Manufactured with a composite outer sheath comprising of a polyethylene layer with a bonded outer Nylon jacket.

Termite attack protection
Outer Nylon jacket provides protection against termite attack and reduced friction between the cable and duct during hauling, allowing longer lengths to be installed at a given tension.

Non-wrinkling nylon
The bonded sheath technology enables a thinner Nylon jacket. This keeps the cable small, light-weight and flexible and prevents the Nylon wrinkling when the cable is bent thus preserving the termite protection.

Dry water blocking
Internal dry water blocking technology to prevent water migration in the event of a breach in the sheath.

Air-blown installation
Bonding the Nylon jacket also prevents water or air from passing between the two sheath materials. This avoids the need to remove the jacket before terminating and sealing the cable and means the cable can be installed using air blown technology.

Fibre counts
Available in fibre counts from 2 to 624.

A trusted solution
The loose tube cable of choice for many Telco’s and contractors in Australia.

Duct fill comparison
50 mm conduit with 50% occupancy.

7 by 144F SM@RTCORE Loose Tube Cables
4 by 144F Conventional Loose Tube Cables