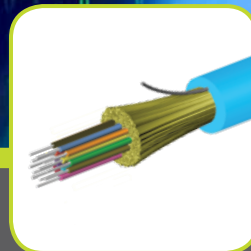




Product Line Reference Guide



PREMISE OPTICAL FIBRE CABLES

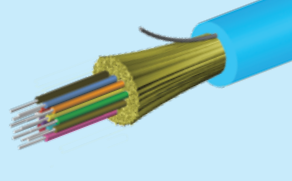
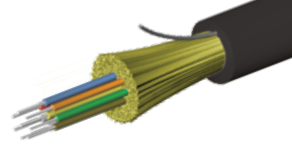
PREMISE OPTICAL FIBRE CABLES

Premise Cabling is the backbone of high-tech networks ranging from Local Area Networks and Storage Area Networks, to the most complex Data Centre environments.

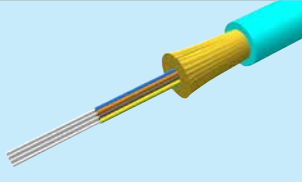
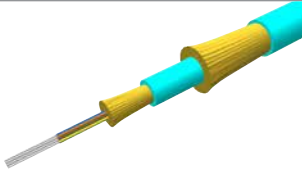
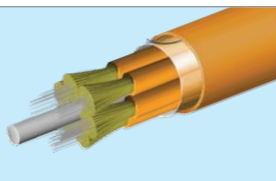
AFL's Premise Cabling Solutions offer one of the broadest portfolios in the industry, with the highest performance optical fibre available.

With a proven history of design flexibility and industry-leading performance, AFL Premise Cabling Solutions will get you connected.

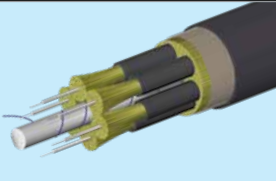
Tight Buffered Distribution Cable

PRODUCT	IMAGE	DESCRIPTION
Indoor Riser – Distribution Cable		Available in up to 24 fibre, this cable offers all of the benefits of a traditional 900 µm Tight Buffered optical cable. Ideal for internal applications such as vertical and horizontal risers in buildings, routing between communications cabinets and equipment rooms. Available in LSZH and Plenum Jacket.
Indoor/Outdoor Riser – Distribution Cable		Available in up to 24 fibre, this cable offers all of the benefits of a traditional 900 µm Tight Buffered optical cable. With the inclusion of Water Blocking Yarns makes it ideal for indoor and outdoor applications such as building Interconnect. The cable is available with a PVC jacket that incorporates a UV stabiliser for protection against exposure to the sun.

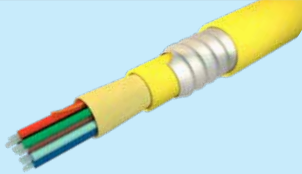
Micro Cables

PRODUCT	IMAGE	DESCRIPTION
Round Mini 2 and 3 mm		Available in 2 mm (up to 12 fibre) and 3 mm (up to 24 fibre). AFL Round Mini cables are ideally suited where access to the cable routing paths is limited.
Ruggedised Round Mini 4.5 mm		Available in up to 24 fibre, AFL Ruggedised Round Mini cables are constructed with a double jacket ideally suited where additional cable protection is warranted such as sub-floor installations.
Micro Cable Sub-unitised		Available in up to 144 fibre, Sub-unitised Premise Micro cables are ideal for high performance Premise installations where space is limited. Each sub unit typically houses 12 x 250 µm coloured fibres and aramid yarns positioned around a central strength member. Finished with a choice of LSZH or PVC jacket.

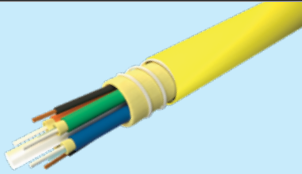
Breakout Cable

PRODUCT	IMAGE	DESCRIPTION
Breakout Cable		Available in 2-24 fibre, AFL Breakout cables are suited for rugged applications and installations requiring increased performance. Each 900 µm fibre is encapsulated within it's own cord structure.

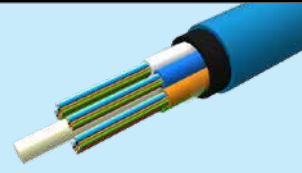
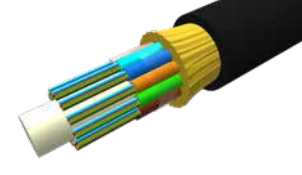

Armoured Tight Buffered Cable

PRODUCT	IMAGE	DESCRIPTION
Armoured Tight Buffered Cable		Available in up to 144 fibre, Armoured Tight Buffered cables incorporate a jacketed, aluminium interlocking armour, providing the best balance of ruggedness and flexibility.

Copper/Fibre Composite Cable

PRODUCT	IMAGE	DESCRIPTION
Composite Cable Copper/Fibre (PVC Sheath)		Available in up to 12 fibre, this rugged, easy-to-use composite cable consists of flexible stranded copper conductors with fibre sub-units. The breakout design provides additional protection for both the copper and fibre channels by individually protecting each with insulated jackets and all-dielectric strength members. For applications requiring remote low-voltage power and high-speed communications, these designs provide an efficient single-installation option where space is of a premium and devices are not easily accessed.

Other Cables In Our Range

PRODUCT	IMAGE	DESCRIPTION
Terrestrial Loose Tube		AFL's Terrestrial Loose Tube fibre optic cable are available in armoured and non-armoured configurations with various outer jackets to withstand a range of environmental conditions. Loose Tube cable is a commonly deployed cable suitable for direct bury and in-duct installations.
ADSS and OPGW		AFL has a long history of successful ADSS (All-Dielectric Self Supporting) and OPGW (Optical Ground Wire) installations in a variety of challenging locations and conditions.
Specialty and Harsh Environment		AFL's specialty fibre optic cables are a perfect solution in high pressure and high temperature applications. From umbilical component, high temperature down hole, sensing cables to harsh military environments.

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