PROPATCH FIBER OPTIC SOLUTIONS

25 YEAR SYSTEM PERFORMANCE WARRANTY PRODUCTS

The PROPATCH fibre optic cable range includes tight buffered and loose tube distribution cables for internal and external applications as well as many variations of armoured, aerial, rodent resistant, Military Spec. and water blocked cables.

PROPATCH has the solution for almost any application and can offer a cut to length service for specific fibre optic cables. Please call the sales team for more information

CUT TO YOUR LENGTH SPECS TO SAVE YOU TIME AND MONEY

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INDOOR FIBER CABLE
Distribution Indoor Cable (Tight Buffering), Fibre Count 2 to 144

PROPATCH indoor cables can be deployed indoor as building backbone cabling as well as for the cabling between floor distributors. The tight-buffered construction facilitates easier termination for low-Fibre-count applications in the local area network (LAN) and eliminates need for fan-out kits.

OM1 62.5/125um – Multimode Cable
OM2 50/125um - Multimode Cable

OM3 50/125um - Multimode Cable
OM4 50/125um - Multimode Cable

SM 9/125um – Single Mode OS1/OS2 Cable

Fibre Specifications

OS2 9/125   OM1 62.5/125   OM2 50/125   OM3 50/125   OM4 50/125

Loose Tube Outdoor External Cable
Distribution Outdoor Cable (Loose Tube), Fibre Count 2 to 144

Loose tube fibre cable is the most utilized family of fibre optic cables for outdoor and long run telecommunication networks. It is ideally suited for outdoor environments where extreme environmental conditions play a major role in cable selection. Gel filled tubes offer protection for the fibres in wide operating temperatures. Armored cables prevent damage from rodents, termites and physical damage. Constructed with layers of densely packed tubes of 250-micron fibre allow for high fibre counts in compact cable diameters.

Loose Tube Gel-filled Nylon Jacket Cable

PROPATCH nylon jacket dielectric loose tube cable is suited to external underground installations in ducts by pulling, jetting or floating techniques or by direct burial in open-cut trenches. Loose tube cable offers a cost-effective and rugged solution for medium and long-distance external fibre runs. Propatch nylon jacket loose tube cable is available in OM1, OM3, OM4 and G652.D Singlemode.

Rodent Proof Armoured Loose Tube Cable

PROPATCH nylon jacket dielectric Rodent Proof armoured loose tube cable is suited to external underground installations in ducts by pulling, jetting or floating techniques or by direct burial in open-cut trenches. Rodent Proof armoured loose tube is particularly suited to areas where rodents are an issue. Peripheral fibreglass rods offer a layer of mechanical protection against non-burrowing rodents – in addition to a hard nylon outer jacket offering protection against termites and insects. Loose tube cable offers a cost-effective and rugged solution for medium and long distance external fibre runs.

PROPATCH Rodent Proof FRP armoured, nylon jacket loose tube cable is available in OM1, OM3, OM4 and Singlemode.

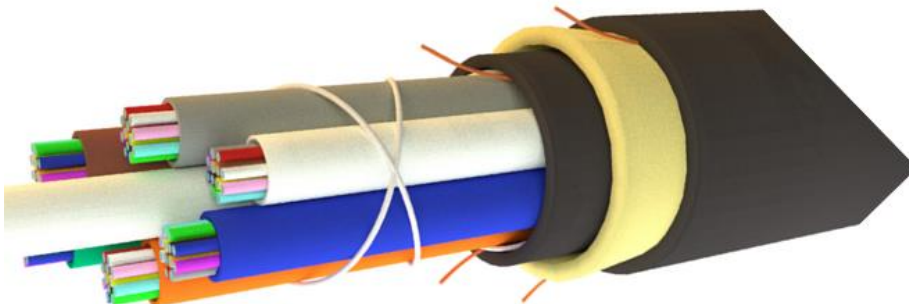**PROPATCH**
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CST Armoured Loose Tube Cable

PROPATCH corrugated steel tape armoured loose tube fibre cable is suited to external underground installations in ducts by pulling, jetting or floating techniques or by direct burial in open-cut trenches. CST armoured loose tube is particularly suited to areas where rodents and termites are an issue and metallic construction is permitted. Loose tube cable offers a cost-effective and rugged solution for medium and long distance external fibre runs.
PROPATCH nylon jacket loose tube cable is available in OM1, OM3, OM4 and Singlemode

Standard ADSS Fiber Optic Cable

PROPATCH ADSS® (All-Dielectric Self-Supporting) cable is ideal for installation in distribution as well as transmission environments, even when live-line installations are required. As its name indicates, there is no support or messenger wire required, so installation is achieved in a single pass, making ADSS an economical and simple means of achieving a fiber optic network.
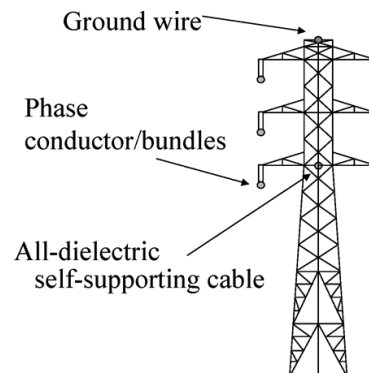
Ground wire

Phase conductor/bundles

All-dielectric self-supporting cable

Military & Field Broadcast Cables

Military Tactical Fiber Optic Cables for Extreme Environments

DX-Series Distribution – Mil-Tac Rodent Deterrent (FRP) Cables

D-Series Distribution – Mil-Tac Cables

B-Series Breakout – Field Broadcast Cables

DX-Series Distribution – Field Broadcast Cables

SMPTE-Essential – Broadcast Cables

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FTTX/FTTH SOLUTIONS

PROPATCH FTTX Hybrid Cable

PROPATCH FTTX Hybrid Cable PROPATCH offers Hybrid Multiple- Purpose Cables Cat5e+2SM Fibre for FTTX Applications
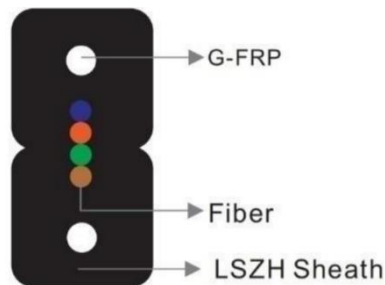
Applications:
▪ New housing estates
▪ Major home renovations
▪ Commercial fit outs of old buildings
▪ New commercial building installs
▪ New or old refits of residential units
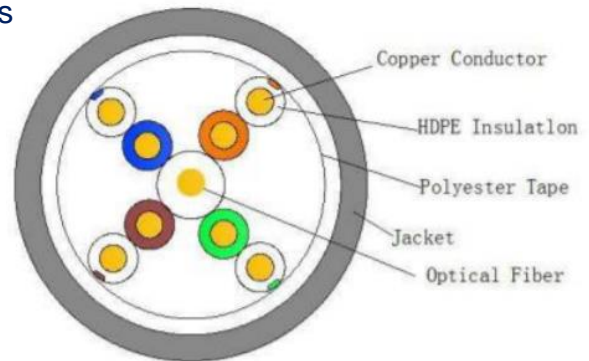
FTTX/FTTH Drop Wire Cable
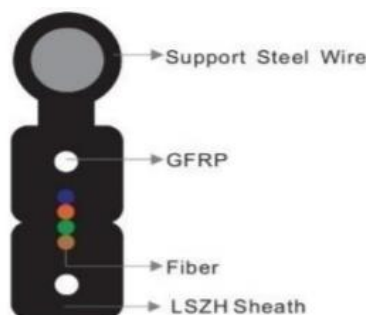PROPATCH 2 Core SM Drop Wire Flat Indoor Cable

Applications: ▪ Extreme smaller diameter, light weight, flexible, easily installed of FTTH
▪ Simple structure design, with excellent anti-pressure, tensile strength antiaging performance.
▪ Small bending radius, flexible performance can meet the requirement of FTTH

PROPATCH 2 Core SM Drop Wire Flat Outdoor Cable with Steel Wire
Applications:
▪ Extreme small diameter, light weight, flexible, easily installed of FTTH
▪ Two parallel steel or FRP line with excellent anti pressure performance to protect fibre core.
▪ Single extra steel wire make cable, with strong tensile strength
▪ Groove design of 8 type, easy to rip, install and maintain
▪ PVC/LZSH jacket, environment friendly

Fiber Optic Accessories

Fiber Optic Sliding Splice Trays/Patch Panels

Fiber Optic Fixed Splice Trays/Patch Panels

CAUTION FIBER OPTIC

Fiber Optic Swingout Splice Trays/Patch Panels

Supplied By: LAN cabling Products Ltd NZ/AUS/Fiji
PH: +649 5799 9766, Sales@LCP.CO.NZ
Web: **WWW.LCP.CO.NZ**

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Fiber Optic Patch Cords

PROPATCH Fibre Patch Cords are designed at the factory to meet worldwide specifications. The Patch cords are an integral part of our optical system and manufactured and tested in the factory. They ensure the correct performance of the connection point and of the optical link. The jacket of the cable can be made of PVC or LSOH for different applications. The patch cords are available with SC, LC, FC, ST & E2000 UPC/APC Connectors in MM & SM. The leads available in different lengths from 0.5 to 200M

Fibre Optic Pre-terminated Assemblies
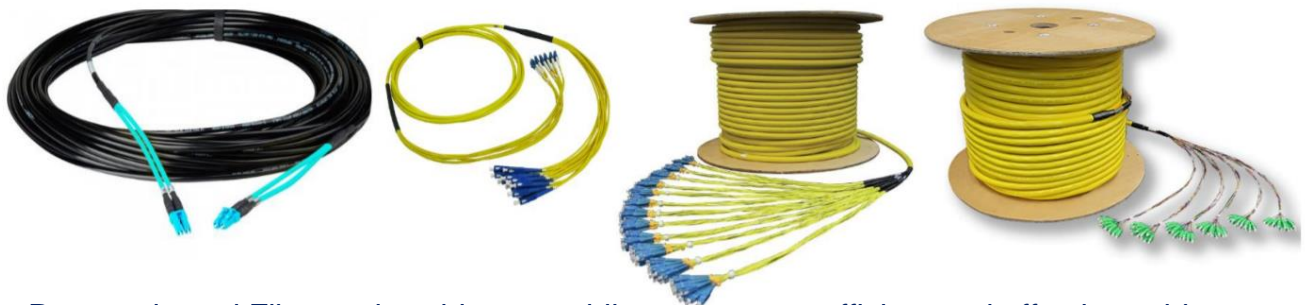
Pre-terminated Fibre optic cable assemblies present an efficient and effective cable deployment option for any size of fibre optic network. High precision factory terminations coupled with exceptional quality cable in a range of construction and styles and fully factory tested terminations ensure peace of mind and rapid deployment.

## Fibre Optic Deployable Reels

PROPATCH Field deployable cable reels offer a convenient method for roll-out and retrieval of fibre optic cable assemblies as well as a range of communications cabling. LCP offers a range of cable reels in sizes to suit 300, 500 and 1000m of 6mm OD cable.

PROPATCH FIBER OPTIC SOLUTIONS

Fiber Optic Pigtails

PROPATCH Pigtails for Splicing Applications. Available in OM1, OM2, OM3 OM4 & SM Fibre. Pigtails available in LC, SC, FC, ST& E2000 UPC/APC Connectors.
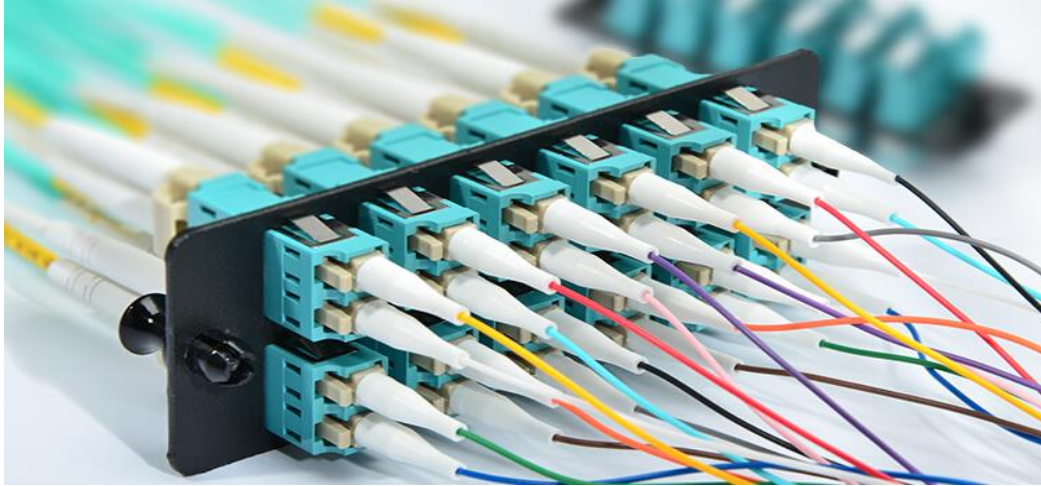
Adapters/Couplers:

PROPATCH offers wide range of Adapters in Multi-mode & Single mode. We have Adapters available in LC, SC, FC, ST & E2000 Series. These Adapters coms in UPC (Blue) and APC (Green) options.
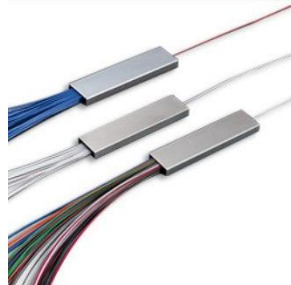
Fiber Optic Splitters

PLC Fiber Splitter, Steel Tube, Bare Fiber 250µm, No Connector
Available from 1x 2 to 1x 32 way

PLC Fiber Splitter, Mini Module, 900µm, SC/APC, Singlemode
Available from 1x 2 to 1x 32 way

PLC Fiber Splitter, Splice/Pigtailed ABS Module, 2.0mm, SC/APC, Singlemode
1x16 & 1x32 Way

PLC Fiber Splitter, 1U 19" Rack Mount, SC/APC, Singlemode

PROPATCH FIBER OPTIC SOLUTIONS

MTP/MPO Fibre Optic Solutions

PROPATCH offers complete solutions of MPO/MTP included Cassettes, Fiber Trays & Cable Assemblies in SM, OM3 & OM4. The PROPATCH MTP/MPO solution is the perfect balance between density and usability, as well as providing excellent cable and connector protection and management.

MTP Cable assemblies

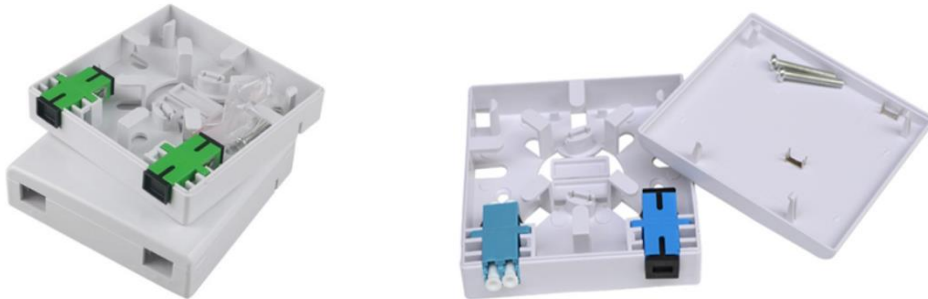## MPO Cassettes – Available in LC & SC Connectors

MPO-1U Fiber optic patch panel

Supplied By: LAN cabling Products Ltd NZ/AUS/Fiji
PH: +649 5799 9766, Sales@LCP.CO.NZ
11   Web: **WWW.LCP.CO.NZ**

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Fiber Optic Splice Box

2Core FTTH Box

4Core FTTH Box

6,12, 24 & 48 Core Splice Box for Indoor & Outdoor Applications

Din Rail Mount Box

Supplied By: LAN cabling Products Ltd NZ/AUS/Fiji
PH: +649 5799 9766, Sales@LCP.CO.NZ
12   Web: **WWW.LCP.CO.NZ**

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PROPATCH Fibre Closures

PROPATCH Fibre Enclosures are a quick and effective way to join or repair fibre cables in harsh environments such as underground pits or aerial applications. All cable entry and exit ports are sealed and accessed as required. The enclosures include splice cassettes for fusion splicing, and you can easily access them without the need for special tooling. They feature a lockable clamp to prevent unauthorised entry and can be pole- and wall-mounted. The Dome Enclosures will accept 48 & 96 Core Fibre and other large core counts

Applications:
▪ Fibre cable fusion splicing in pits, aerial or pole-mounting
▪ Fibre cable joining or repairs
▪ Fibre cable expressing

Fibre Optic Media Convertors

PROPATCH 10/100/1000M Gigabyte Optical Fibre Media Converters can convert Optical-Electrical Ethernet signals between 10/100/1000MUTP interface (TX) and 1000M optical Fibre interface (FX).

The traditional 10/100/1000M gigabit Ethernet can be extended to the distance of 100km through optical Fibre link. The performance and quality of the products are excellent because of adopting latest Gigabit Integrated Circuit (IC). 6 Group LED indicated lights could fully monitor the working conditions.

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