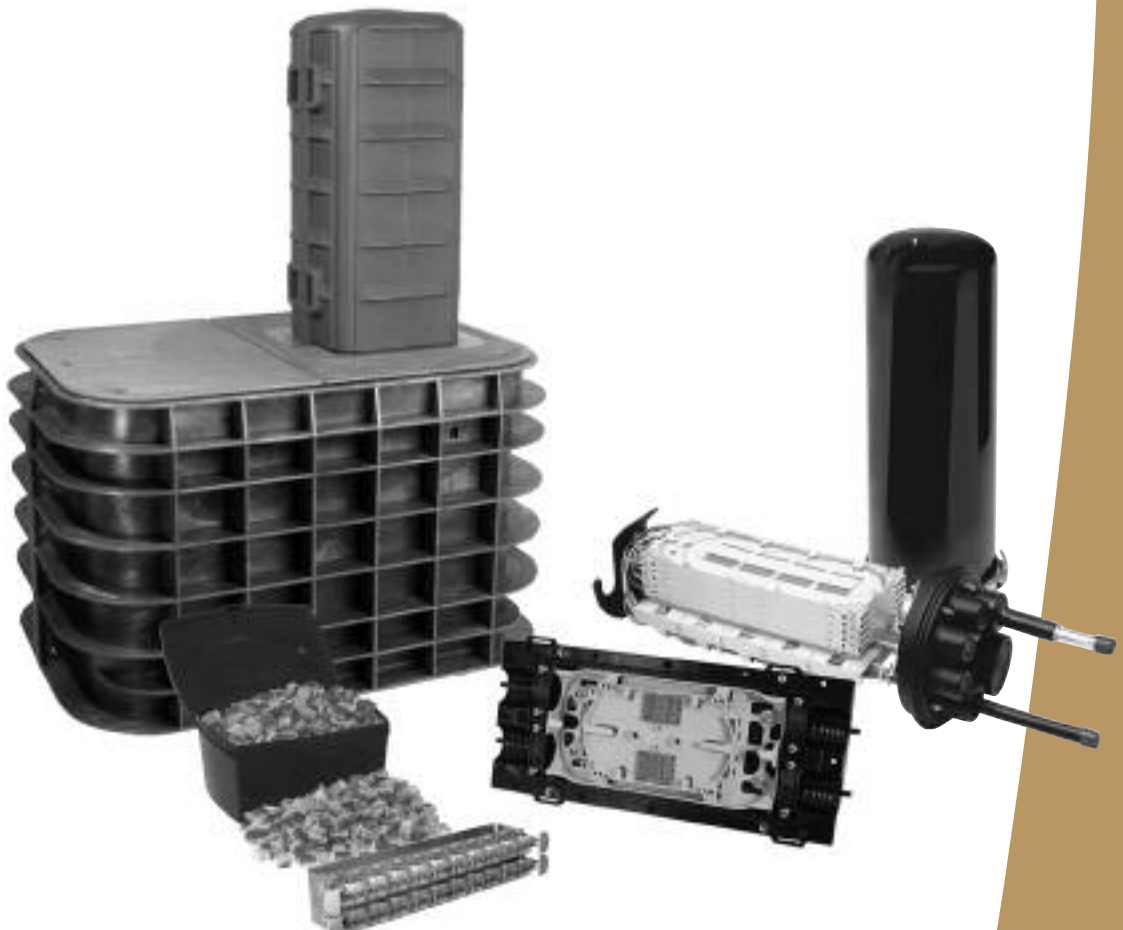




CHANNELL

Where The Industry Connects.®



Outside Plant Solutions

Copper Connectivity Products



IDC Encapsulated Discrete Connectors

Features

8 Series Connectors

- Excellent insulation resistance and electrical performance
- Accepts wire 0.4 to 0.9mm (26 to 19 AWG)
- Coloured caps available for easy identification
- Accepts copper and aluminium conductors
- Crimped using parallel action pliers

11A Series Connectors

- Make-before-break technology is ideal for maintenance applications
- Integral test port for service verification
- Accepts wire 0.4 to 0.9mm (26 to 19AWG)
- Accepts copper and aluminium conductors

Mini-Rocker® Products

Features

- A complete platform product that allows tool free, Cat 5 rated technology that reduces craft induced faults and increases speed of deployment of copper networks
- IDC technology eliminates the need to strip wires, resulting in faster on-site connections
- Transparent wire receivers allow visual confirmation of proper wire insertion
- High viscosity compound and total encapsulation eliminates corrosion and other environmental factors and allows the Mini-Rocker to operate in high humidity and corrosive environments
- “Quiet front” design and easy test access eliminates shorts and need for disconnection during testing



Rhino® Reversible Wall Boxes (RRB)



Features

- 250mm depth for special applications
- Self-locking cover with multiple locking options
- Top or bottom cable entry options
- Open or closed back boxes
- Adjustable tap mounting plate
- Galvanised steel with powder coating finish

Rocker Block™ External Terminal Box



Applications

- Quick, convenient and reliable method of joining Exchange/Central Office cable pairs to subscriber drop wires
- Protected or unprotected version, with or without cable tail

Features

- All connections sealed or encapsulated for total environmental protection
- Suitable for mounting on walls, or wooden, steel, or concrete poles
- Factory-tailed or on-site wired versions available
- Drop wire capacity of 0.5 - 1.2mm with insulation diameter up to 5.0mm
- Test probe allows circuit testing without the need to remove drop wires
- Easy to install without the need for special tooling
- Manufactured from high quality UV stabilized, tough impact resistant materials

Customer Termination Boxes (CTB)

Applications

- Control systems and security applications
- Cross connect point for voice and data
- Drop wire terminations for telecommunications cables

Features

- UV protected thermoplastic construction
- Fitted with environmentally sealed Mini-Rocker IDC connectors
- Suitable for copper wire termination
- Positive latching in both open and closed positions
- Bridging module used as “common IW block” for telephone extensions



Fibre Termination Boxes



Applications

- Splice and Patch Management
- Suitable for FTTH/ FTTO

Features

- Ease of installation
- Temperature ranges -40°C to +100°C
- IP64 ratings
- Bespoke design available

Copper Enclosure Products

Ready Access Jointing Closures (Model 30A, 31A, and 32A) offer total environmental protection of sensitive telephone equipment. Constructed of non-corrosive, high performance polyolefin material. The resin-filled base can be used as an air block if required.



30, 31 and 32A Resin Closures

Features

- Jointing capacity of up to 500 pairs on cables up to 56mm diameter
- Closure provides for interception of through pairs without cutting
- Accommodates any cable combinations (lead, P.E., or PVC) regardless of diameters
- Suitable for use on pressurized systems, or with grease-filled cables
- Base incorporates a polycarbonate liner available in various configurations for numerous cable combinations and sizes
- IP68

Ready Access Jointing Closures (Model 30R, 31R and 32R) feature heat-shrink technology and are designed for underground and overhead installations. They are recommended for use underground in manholes or joint boxes, or overhead applications on poles or walls.

Features

- Permits cable changeovers without breaking working circuits
- No heat damage to pre-installed cables
- Easy to install in congested situation
- No heat shields required
- Easy cut-over and rearrangements of cables
- Remote shrink down
- Pin for wall, joint box or pole mounting
- IP68



31 and 32R Glanded Heat-Shrinkable Closures



RAE 400

Ready Access Enclosure, RAE400 is an environmentally sealed airtight and watertight re-enterable enclosure designed for use in buried, underground and aerial installations. It can accommodate a maximum of 100-pair main looped through and branch cable and is designed for a maximum of two 50-pair cables, or as a looped through butt splice. The RAE400 enclosure provides a unique sealing option using either Channell's exclusive OSP grade neoprene grommet sealing system, or conventional heat-shrink.

Features

- Unique Channell grommet sealing system minimizes installation time with enhanced seal consistency
- Re-enterable enclosure with lockable sealing clamp and O-ring
- Airtight and watertight
- Constructed of high impact UV resistant thermoplastic material
- Two dome lengths available
- No encapsulation required to seal
- IP68

Heat-Shrinkable Re-enterable Copper Joint Closures

Channell's range of dome style re-enterable joint closures utilize "O" ring and sealing clamp technology to achieve reliable sealing whilst at the same time, offering the benefits of ready access.

Features

- All auxiliary ports sealed until needed
- Large oval port to accommodate looped cables
- Accommodates up to 400 pairs of jointed copper cables
- Re-entry without need for special tools
- Multiple cable configurations
- Suitable for pole/wall, pit mounting or direct burial
- Available with lockable/re-openable or sealed tamper proof clamp
- Can be encapsulated
- IP68



30, 31 and 32C Series Heat-Shrinkable Closures
(30 Series Shown)

Fibre Optic Closures

14000 and 15000 Series Fibre Optic Enclosures

The 14000 Series Splice cases accommodate up to 24 fibres, utilizing one or two of the compact universal 12-fibre splice tray cassettes. The 15000 Series splice cases accommodate from 24 to 96 fibres, They are ideal for low fibre count applications such as HFC nodes, FTTC ONU's, building interface and campus/LAN applications.



15000 Series Fibre Optic Enclosure

Features

- Pole/wall mount bracket included
- Built-in integral fibre management
- Unique modular splice tray cassette design
- Heat shrink ports
- Openable for re-entry
- Complete installation kit factory provisioned
- Universal splice holder clip for fusion or mechanical splices
- IP68

OJK3000 Series Fibre Optic Enclosures

Features

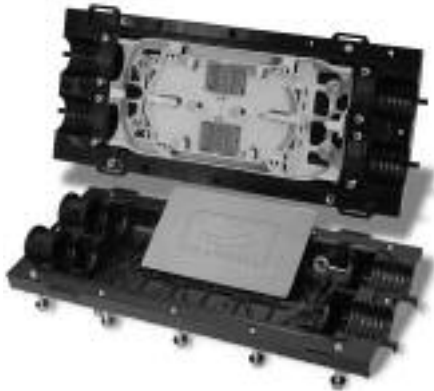
- Heat-shrinkable cable seals for high quality environmental sealing
- Re-enterable for easy cable additions and upgrades
- Constructed of high performance thermoplastic materials
- Organizer trays capable of storing variable lengths of fibre
- Each tray supplied with two splice holders for heat-shrinkable splice protectors, ribbon fibre, or mechanical splices
- IP68



OJK3000 Series Fibre Optic Enclosure

Splice Cases

In-line Splice Cases



Features

- Fast, reliable and economical splicing of aerial fibre optic cables
- Available in two sizes: 12/36 fibres or 12/60 fibres
- Effective sealing system
- Configured for re-entry

41/42 Series In-Line Splice Case

FiberMark1® Large Capacity Fibre Optic Splice Enclosure

The FiberMark1 offers an ideal solution for larger fibre capacity voice, data, and video splicing requirements.

Features

- FiberMark1 accommodates up to seven Fibre Optic Cables utilizing time-tested heat-shrinkable and/or serrated grommet technologies
- FiberMark1 Splice Enclosure Series are designed in accordance with Telecordia GR-771-CORE testing requirements
- The FiberMark1, currently the largest Channell fibre enclosure, can accommodate the termination of seven cables through its single oval and five round ports: three ports at 38.1mm (1.5") diameter, two ports at 50.8mm (2.0") diameter, and one figure eight oval port



FiberMark1 Enclosure

Splice Trays

Features

- Full family of splice trays for all fibre applications
- Designed with hinges and latches
- Accommodates various fibre splice types
- Accepts optical splitters and photonic devices
- Protective cover available
- Slack storage provisions



Compact 12-Fibre Splice Tray



Standard 8/16-Fibre Splice Tray



Expanded 24-Fibre Splice Tray



Large 48-Fibre Splice Tray

Thermoplastic Enclosures



MAH Profile Series



MAH Free Breathing Pedestals



MAH1010 Fibre Optic Pedestal

Bracket Mounted
Terminals (BMT)



“Shutter Box” Series Grade Level Boxes (SGLB)

Features

- Straight sidewall “I-beam” design permits higher load capacity
- High rib design eliminates sidewall deflection in extreme soil conditions and firmly secures the box in the soil
- High quality HDPE waffle-design of box body distributes load over strongest section of “Shutter Box” SGLB wall
- Options for plastic, concrete or steel covers
- Universal “L” bolt security system eliminates the worry of lost cover bolts
- Unique “T” style overlapping cover design prevents soil from interfering with cover removal
- Two winterised drop/access holes are standard in the “Shutter Box” SGLB body
- Cable locator marker can be quickly installed into cover
- Optional “quick connect” polymer concrete covers and mounting rings available to upgrade “Shutter Box” SGLB for higher load bearing requirements when installing boxes in pavement or driveway application



Heat-Shrinkable Products

HSC Premium Heat-Shrinkable End Caps

Applications

- Compatible with most commonly used cable types
- Suitable for use with pressurised or un-pressurised telecommunications cables, as well as low voltage power cables (up to 1kV)

Features

- Suitable for pressurised or un-pressurised cables
- Provide a long term effective seal against water ingress
- Easy and quick to install, even in confined spaces
- High grade adhesive ensures reliable seal on irregular cable sheaths
- Semi-rigid formulation provides excellent impact resistance
- Suitable for a wide range of cable types
- Valved end caps available for pressurised application



Heat-Shrinkable End Caps

Heat-Shrinkable Wraparound Closures

Applications

- For un-pressurised copper telephone cable networks

Features

- Economic, field proven heat-shrinkable wraparound closure system for primary and secondary cable networks
- Seven sizes of closure cover a full range of cables from 5-pr to 2400-pr.



Heat-Shrinkable Wraparound Closures

HSG Heat Shrinkable Cable Sealing Glands

Heat-Shrinkable Tubing

Applications

- Suitable for a wide range of applications in telecoms, low voltage power and broadband industries
- Typically supplied pre-coated, with hot melt adhesive

Features

- Available in three grades:
 - PWT premium grade medium wall tubing for use in severe environmental conditions
 - MWT medium wall tubing for use in most general purpose applications
 - BBT broadband tubing designed specifically to meet broadband CATV industry needs



Heat-Shrinkable Tubing



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