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Joints and fibre cables in one complete solution.



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Group

Joints and fibre cables in one complete solution.

Now you're able to buy both the cable and the joint from one manufacturer – us. And our pieces magically complete other puzzles as well: when used together with our cables the joints are made to measure, but they fit perfectly with other fibre cables on the market too. Add that we have them in stock with short lead times and all the service that you might need right here. It's all laid out for you.

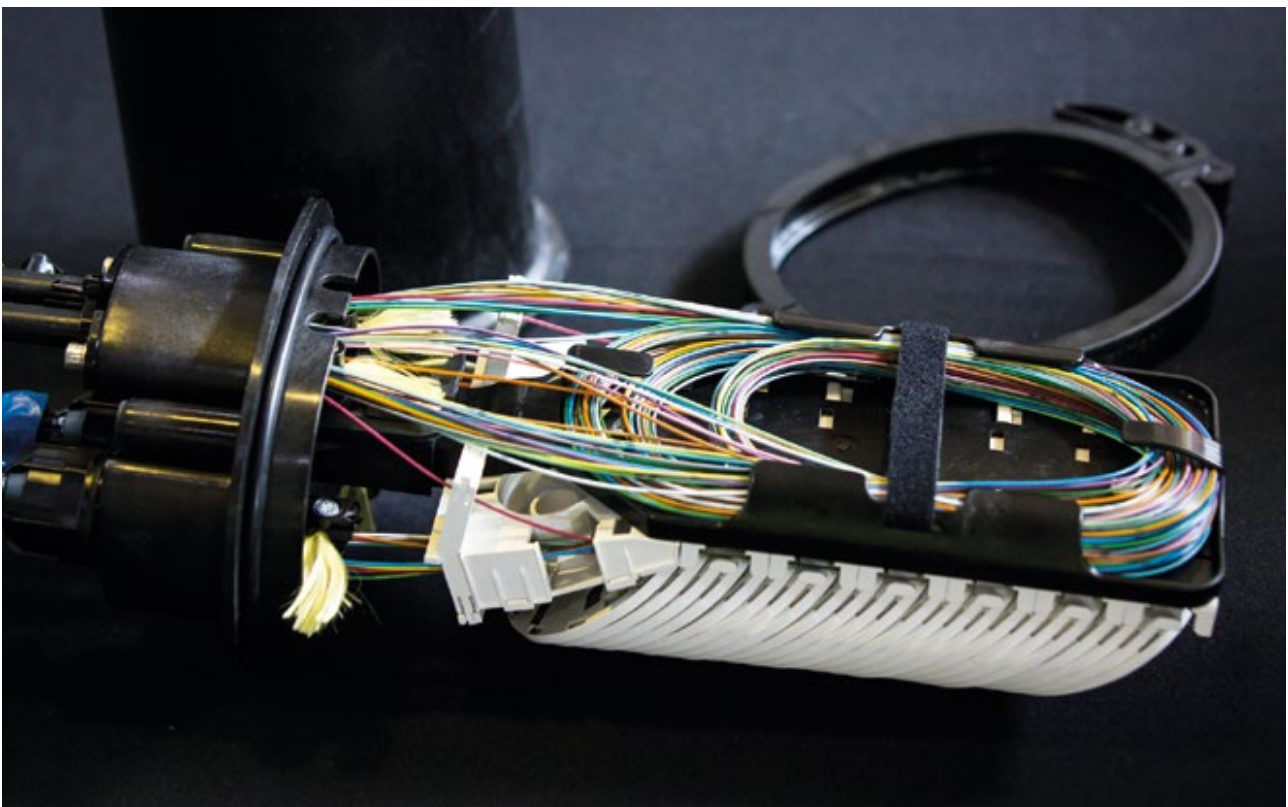
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Prysmian Universal Joints

From now on you only need one supplier to purchase both your fibre cables and joints. Our range of joints and accessories is perfectly compatible with our Prysmian smart solutions range of Standard Loose Tube, Mini Loose Tube and Flextube cables as well as other brands available in the marketplace.

Having only one supplier for both joints and cables means you only have to go to one place for support and service. In addition all our standard joints – small convenient Compact and Medium Multi-Function Joints (CMJ and MMJ) as well as Large Multi-Function Joints (LMJ) supporting our large Flextube designs – are stock items, securing fast and reliable deliveries.



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Small Joint Closure – SJC

Part number: XJTSC02335 – SJC with 2 cable entries for cable 5 – 9 mm

Part number: XJTSC02470 – SJC with 2 cable entries for cables 6 – 12 mm

The SJC closure is a splice closure that is used for track, cable repair or branch applications. It has four cable entry ports, a splice cassette for 24 splices and a cable management and storage area. The closure is sealed to IP68 for water and dust tightness. The closure is supplied with four knock-out ports and two entry glands. Up to two additional entry glands can be ordered separately.

Features and benefits

- A compact closure for track and branch applications.
- Closure has four knock out ports.
- Each port accommodates one or two cables, according to the gland size/type.
- Closure is supplied with two glands. Additional glands are available separately. See additional items.
- Contains a single splice tray for up to 24 splices.
- Splice tray accommodates 2.2 mm splice protectors.
- Cable management plate to secure cables and route fibres.
- Robust construction enabling direct buried applications.
- Can be used underground or can be mounted to a wall.
- Sealed to IP68 at 5 m and UV resistant to ISO 4892.

SMALL JOINT CLOSURE – SJC

Kit contents

1 × Base	1 × Cable management plate
1 × Cover	2 × Cable entry kits
1 × O Seal	1 × Splice tray (24 splices per tray)



Technical data

SMALL JOINT CLOSURE – SJC	
Number of cable ports	4 ports, 2 on each side
Maximum capacity each port	Cables or microducts: 4-12 mm
Number of splice cassettes	1
Maximum splice capacity	24
Minimum fibre bending radius	20 mm (fibre types ITU-T G.657 A1 and A2)
Splice protector type	Heat shrink 45 mm × 2.2 mm
Dimensions	L200 × W170 × D66 mm
Colour	Black
Material	Polypropylene housing and ABS inner parts
UV resistance	Resistant to ISO 4892 – 1000 hours
Temperature range	Transport and storage - 30 °C to +60 °C Installation - 10 °C to +50 °C Operation - 20 °C to +60 °C
Cable retention	80 N
Impact resistance	10 Nm @ 20 °C, radius 100 mm
Static load	1000 N @ 20 °C on top surface of the box according to EN 50411-2-3
Water immersion	IP68 (No water ingress at 1.5 meter water pressure for 20 days)
Application area	Group 1 according to EN 124, placed minimum 25 cm below surface level Group 2 according to EN 124, placed minimum 30 cm below stone or concrete.

Logistics

Packing dimensions: L180 × W175 × D75 mm
 (No. per euro pallet = 220 at 98 kg total weight)
 Packed weight: 0.40 kg
 Net weight: 0.39 kg

ADDITIONAL ITEMS

CABLE ENTRY KIT

The cable entry kit is used to install an additional cable into the joint. It contains a cable gland, a cable tie and foam tape.

Part number: XJTSC02336

Cable diameter: 5 – 9 mm

Quantity: 1

Part number: XJTSC02471

Cable diameter: 6 – 12 mm

Quantity: 1

Part number: XJTSC02542

Cable diameter: 4 – 6 mm (2 entries)

Quantity: 1

SPLICE PROTECTORS

Part number: XKTSC00050

Splice protectors are used to protect the fibre splice. Diameter: 2.2 mm

Length: 45 mm

Quantity: pack of 12

Part number: XPESC00053

Diameter: 2.2 mm

Length: 45 mm

Quantity: pack of 50

Ultra Compact Multi-Function Joint – UMJ

Ideal for use as an end to end joint for low fibre count cables and direct buried cables.

Features and benefits

- Maximum capacity: 72 single element fibres.
- Single element trays: 6, each tray suitable to accommodate 12 splices.
- Input manifold manages the tubes to a common routing channel and has the provision to mount up to two optical splitters.
- Integrated loop storage basket for limited excess tube storage (applies to mini loose tube and flex tube only)
- The joint is for use with heat shrink splice protectors of 2.2 mm diameter and 45 mm in length
- Supplied with a pole/wall mounting bracket.
- Splice trays hinge upwards individually allowing for full access to spliced fibres without disturbance to live fibres in adjacent trays.
- Entry kit: The joint has four circular ports for mechanical entry glands, one oval port for mechanical entry or heat shrink and two additional small circular ports also for heat shrink entry.
- Interchangeable: circular mechanical glands across UMJ, CMJ, MMJ and LMJ, oval port entry kit across UMJ, CMJ and MMJ.
- Closure is sealed to IP68.
- Pressure test valve for both flash testing and cable earthing can be fitted as an optional extra.

ULTRA COMPACT MULTI-FUNCTION JOINT – UMJ

Part number: UMJ-F-X-XXXX-X-Y-X

For up to 72 single element fibres.

Kit contents

1 x Base	1 x Loop Storage Basket
1 x Cap	6 x Splice trays
1 x Clamp	(12 splices per tray)
1 x O Seal	1 x Pressure test valve (optional)
2 x Tube Retainer	1 x Pole/wall bracket
4 x Tube Retainer Cover	



Technical data

ULTRA COMPACT MULTI-FUNCTION JOINT – UMJ			
Number of cable ports	4 circular and 1 oval (also contains 2 additional small emergency ports)		
Cable diameter range (mm)			
Circular Port	7 to 30 mm		
Multi Port (in circular port)	See additional items		
Oval Port	7 to 21 (Heat Shrink), 5 - 14.8 mm (mechanical)		
Minimum fibre bending radius	20 mm		
Emergency Port	4 to 12 mm		
Mechanical characteristics and testing			
Cable retention - Circular Port	> Cable (Ø/45) × 1000 N with central strength member secured		
Cable retention - 4 Way Multi Way (in circular port)	> 150 N for cables with Aramid yarns, > 30 N for cables without Aramid yarns		
Maximum number of splice trays	6 Single Element		
Maximum fibre capacity of Joint	72 Single Element		
Splitter capacity	2 optical splitters of 4 mm × 4 mm × 60 mm		
Required space envelope	L250 (approx.) × W231 × D164 mm		
Operating temperature	-40 °C to + 70 °C (5 to 95 % RH)		
Cap / Base	GF Polypropylene		
Clamp	GF Nylon		
Splice Trays	FR ABS		
Closure Sealing	IP68 (5 metres) (IEC 61300-2-23)		
Optical Tested	1310 nm, 1550 nm and 1625 nm		
Change of Temperature	IEC 61300-2-22		
Dry Heat	BS EN 60068-2-2 Test Bb		
Damp Heat	IEC 60068-2-3: 1969		
Vibration	IEC 61300-2-1	Torsion	IEC 61300-2-5
Bending	IEC 61300-2-37	Impact	IEC 61300-2-12
Cable Retention	IEC 61300-2-4	Crush Resistance	IEC 61300-2-10
Packing Dimensions	L480 × W250 × D210 mm		
Packed Weight / Net Weight	TBC / TBC		

ADDITIONAL ITEMS

SILICONE GREASE

Part number: XBFSC00260

Silicone grease is used when installing a cable into one of the entry glands. A sachet of grease is supplied with each gland. The purpose of this spare tube of grease is for use adding additional cables into the 4 Way gland at a later date. Quantity: pack of 5.

WORKING BRACKET

Part number: XAU5339406 (Bench Clamp)**XAU5339338 (UMJ/CMJ/MMJ Rotating Bracket)**

The bench clamp and rotating bracket are used in combination to hold the closure to a bench or desk. This allows for easier access to the joint when splicing.

OVAL PORT MECHANICAL ENTRY KIT

Part numbers: see table

The cables are sealed into the oval port using a mechanical gland system comprising of two plates and a rubber block that fits inside the oval port of the joint.

OVAL PORT MECHANICAL ENTRY KIT				
Part numbers	Gland type	Sealing type	Min. cable diameter	Max. cable diameter
XJTSC02028	Oval	Mechanical	5.0	7.0
XJTSC02029	Oval	Mechanical	7.1	9.0
XJTSC02030	Oval	Mechanical	9.1	11.0
XJTSC02031	Oval	Mechanical	11.1	13.0
XJTSC01896	Oval	Mechanical	13.1	14.8

CIRCULAR PORT ENTRY GLANDS

Part numbers: see table

Circular port entry glands are used to install cables into one of the 10 ports of the CMJ/MMJ base. The glands can be installed onto the cable and then simply pushed into the base of the joint. The kit contains all of the parts necessary to seal the cable and secure the strength members. Multi-way glands are available to install multiple smaller cables into one circular port.

CIRCULAR PORT ENTRY GLANDS					
Part numbers	Gland type	Number of entries	Min. cable diameter	Max. cable diameter	Used for
XJTSC01754	Single	1	7.1	20.0	Single cable with Aramid or CSM
XJTSC02193	Single	1	20.1	23.0	Single cable with Aramid or CSM
XJTSC02186	Dual	2	5.0	9.0	For interface with flexible conduit
XJTSC01755	Quad	4	5.0	7.0	Up to four cables with Aramid
XJTSC02767	Quad	4	4.0	6.0	With CSM retention for mini cables
XJTSC02768	Quad	4	5.0	7.0	With CSM retention for mini cables
XJTSC02769	Quad	4	7.0	8.5	With CSM retention for mini cables

SPLICE PROTECTORS

Part number: XPESC00053

Splice protectors are used to protect the fibre splice.

Diameter: 2.2 mm

Length: 45 mm

Quantity: pack of 50

SPLITTERS

A range of optical splitters are available to install into the joint. The splitters have 2 metre input and output legs with 900 micron G657. A1 fibre. For full technical information on the splitters refer to data sheet AC005.

Part number:	Type:
XSPSG00002	1 × 4
XSPSG00003	1 × 8
XSPSG00004	1 × 16
XSPSG00005	1 × 32

Compact & Medium Multi-Function Joint – CMJ / MMJ

Ideal for use as a cable chamber joint, track joint, spur joint or distribution joint due to their capacity and compact size.

Features and benefits

- Maximum capacity:
CMJ: 144 single element fibres.
MMJ: 288 single element fibres.
- Single element trays:
CMJ: 12, each trays suitable to accommodate 12 splices.
MMJ: 24, each trays suitable to accommodate 12 splices.
- CMJ: Ultra compact closure for the splicing of optical cables.
MMJ: Compact closure for the splicing of optical cables
- Input manifold manages the tubes to a common routing channel and has the provision to mount up to four optical splitters.
- Integrated loop storage basket for mid-span applications and excess fibre storage.
- The joint is for use with heat shrink splice protectors of 2.2 mm diameter and 45 mm in length.
- Supplied with a pole/wall mounting bracket.
- Splice trays hinge upwards individually allowing for full access to spliced fibres without disturbance to live fibres in adjacent trays.
- Entry kit:
 - The joint has four circular ports for mechanical entry glands, one oval port for mechanical entry or heat shrink and two additional small circular ports also for heat shrink entry.
- Interchangeable:
 - circular mechanical glands across UMJ, CMJ, MMJ and LMJ, oval port entry kit across UMJ, CMJ and MMJ.
- Closure is sealed to IP68.
- Pressure test valve for both flash testing and cable earthing can be fitted as an optional extra.

COMPACT MULTI-FUNCTION JOINT – CMJ

Part number: CMJ-F-X-XXXX-X-Y-X

For up to 144 single element fibres.

Kit contents

- 1 × Base
- 1 × Cap
- 1 × Clamp
- 1 × O Seal
- 1 × Fibre routing manifold
- 2 × Tube retainer
- 4 × Tube retainer cover
- 1 × Loop storage basket
- 12 × Splice trays
(12 splices per tray)
- 1 × Pressure test valve (optional)
- 1 × Pole/wall bracket



Technical data

COMPACT MULTI-FUNCTION JOINT – CMJ			
Number of cable ports	4 circular and 1 oval (also contains 2 additional small emergency ports)		
Cable diameter range (mm)			
Circular Port	7 to 23 mm		
Multi Port (in circular port)	See additional items		
Oval Port	7 to 21 (Heat Shrink), 5 - 14.8 mm (mechanical)		
Minimum fibre bending radius	20 mm		
Emergency Port	4 to 12 mm		
Cable retention (N)			
Circular Port	Cable (Ø/45) × 1000 N with central strength member secured		
4 Way Multi Way (in circular port)	> 150 N for cables with Aramid yarns, > 30 N for cables without Aramid yarns		
Maximum number of splice trays	12 Single Element		
Maximum fibre capacity of Joint	144 Single Element		
Splitter capacity	4 optical splitters of 4 mm × 4 mm × 60 mm		
Required space envelope	L290 × W231 × D164 mm		
Operating temperature	-40 °C to + 70 °C (5 to 95 % RH)		
Cap / Base	GF Polypropylene		
Clamp	GF Nylon		
Splice Trays	FR ABS		
Closure Sealing	IP68 (5 metres) (IEC 61300-2-23)		
Optical	Tested 1310 Nm, 1550 Nm and 1625 Nm		
Change of Temperature	IEC 61300-2-22		
Dry Heat	BS EN 60068-2-2 Test Bb		
Damp Heat	IEC 60068-2-3: 1969		
Vibration	IEC 61300-2-1	Torsion	IEC 61300-2-5
Bending	IEC 61300-2-37	Impact	IEC 61300-2-12
Cable Retention	IEC 61300-2-4	Crush Resistance	IEC 61300-2-10
Packing Dimensions	L480 × W250 × D210 mm		
Packed Weight / Net Weight	2.4 Kg / 1.9 Kg		

MEDIUM MULTI-FUNCTION JOINT – MMJ

Part number: MMJ-F-X-XXXX-X-Y-X

For up to 288 single element fibres.

Kit contents

- 1 × Base
- 1 × Cap
- 1 × Clamp
- 1 × O Seal
- 1 × Fibre routing manifold
- 4 × Tube retainer
- 1 × Loop storage basket
- 24 × Splice trays (12 splices per tray)
- 1 × Pressure test valve (optional)
- 1 × Pole/wall bracket



Technical data

MEDIUM MULTI-FUNCTION JOINT – MMJ			
Number of cable ports	4 circular and 1 oval (also contains 2 additional small emergency ports)		
Cable diameter range (mm)			
Circular Port	7 to 23 mm		
Multi Port (in circular port)	See additional items		
Oval Port	7 to 21 (Heat Shrink), 5 - 14.8 mm (mechanical)		
Minimum fibre bending radius	20 mm		
Emergency Port	4 to 12 mm		
Cable retention (N)			
Circular Port	Cable (Ø/45) × 1000 N with central strength member secured		
4 Way Multi Way (in circular port)	> 150 N for cables with Aramid yarns, > 30 N for cables without Aramid yarns		
Maximum number of splice trays	24 Single Element		
Maximum fibre capacity of joint	288 Single Element		
Splitter capacity	4 optical splitters of 4 mm × 4 mm × 60 mm		
Max Loop Storage Capacity	3.4 m of flexible type cable elements – up to 24 elements 2.8 m of loose tube elements – up to 12 elements 2.0 mm		
Required space envelope	L380 × W231 × D164 mm		
Operating temperature	-40 °C to + 70 °C (5 to 95 % RH)		
Cap / Base	GF Polypropylene		
Clamp	GF Nylon		
Splice Trays	FR ABS		
Closure Sealing	IP68 (5 metres) (IEC 61300-2-23)		
Optical	Tested 1310 Nm, 1550 Nm and 1625 Nm		
Change of Temperature	IEC 61300-2-22		
Dry Heat	BS EN 60068-2-2 Test Bb		
Damp Heat	IEC 60068-2-3: 1969		
Vibration	IEC 61300-2-1	Torsion	IEC 61300-2-5
Bending	IEC 61300-2-37	Impact	IEC 61300-2-12
Cable Retention	IEC 61300-2-4	Crush Resistance	IEC 61300-2-10
Packing Dimensions	L480 × W250 × D210 mm		
Packed Weight / Net Weight	2.4 Kg / 1.9 Kg		

ADDITIONAL ITEMS**SILICONE GREASE****Part number: XBFSC00260**

Silicone grease is used when installing a cable into one of the entry glands. A sachet of grease is supplied with each gland. The purpose of this spare tube of grease is for use adding additional cables into the 4 Way gland at a later date. Quantity: pack of 5.

WORKING BRACKET**Part number: XAU5339406 (Bench Clamp)****XAU5339338 (UMJ/CMJ/MMJ Rotating Bracket)**

The bench clamp and rotating bracket are used in combination to hold the closure to a bench or desk. This allows for easier access to the joint when splicing.

OVAL PORT MECHANICAL ENTRY KIT**Part numbers: see table**

The cables are sealed into the oval port using a mechanical gland system comprising of two plates and a rubber block that fits inside the oval port of the joint.

OVAL PORT MECHANICAL ENTRY KIT				
Part numbers	Gland type	Sealing type	Min. cable diameter	Max. cable diameter
XJTSC02028	Oval	Mechanical	5.0	7.0
XJTSC02029	Oval	Mechanical	7.1	9.0
XJTSC02030	Oval	Mechanical	9.1	11.0
XJTSC02031	Oval	Mechanical	11.1	13.0
XJTSC01896	Oval	Mechanical	13.1	14.8

CIRCULAR PORT ENTRY GLANDS**Part numbers: see table**

Circular port entry glands are used to install cables into one of the 10 ports of the CMJ/MMJ base. The glands can be installed onto the cable and then simply pushed into the base of the joint. The kit contains all of the parts necessary to seal the cable and secure the strength members. Multi-way glands are available to install multiple smaller cables into one circular port.

CIRCULAR PORT ENTRY GLANDS					
Part numbers	Gland type	Number of entries	Min. cable diameter	Max. cable diameter	Used for
XJTSC01754	Single	1	7.1	20.0	Single cable with Aramid or CSM
XJTSC02193	Single	1	20.1	23.0	Single cable with Aramid or CSM
XJTSC02186	Dual	2	5.0	9.0	For interface with flexible conduit
XJTSC01755	Quad	4	5.0	7.0	Up to four cables with Aramid
XJTSC02767	Quad	4	4.0	6.0	With CSM retention for mini cables
XJTSC02768	Quad	4	5.0	7.0	With CSM retention for mini cables
XJTSC02769	Quad	4	7.0	8.5	With CSM retention for mini cables

ADDITIONAL ITEMS**SPLICE PROTECTORS****Part number: XPESC00053**

Splice protectors are used to protect the fibre splice.
Diameter: 2.2 mm
Length: 45 mm
Quantity: pack of 50

SPLITTERS

A range of optical splitters are available to install into the joint. The splitters have 2 metre input and output legs with 900 micron G657. A1 fibre. For full technical information on the splitters refer to data sheet AC005.

Part number:	Type:
XSPSG00002	1 × 4
XSPSG00003	1 × 8
XSPSG00004	1 × 16
XSPSG00005	1 × 32

Large Multi-Function Joint – LMJ

The LMJ is used for access applications within the external optical network and can be used for loop applications. It can accommodate a wide variety of cables such as loose tube, mini loose tube, central loose tube, Flextube and blown fibre. The LMJ comes in three different sizes: small, medium and large.

Features and benefits

- Maximum capacity: the largest version of the joint can cater up to 4032 splices.
- Large closure for optical cable splicing with two vertical tray stacks.
- Two input manifold manages the tubes to a common routing channel and enables the fibres to be passed from stack to stack.
- Mechanical oval port and central loop storage for mid-span applications and excess fibre storage.
- Mechanical oval port cable entry for cables up to 21.5 mm.
- Ten circular port cable entries. Cables are sealed using mechanical sealing glands. Cables from 4 to 30 mm in diameter can be accommodated into each circular port.
- Multi-way entry glands provide alternate mechanical entry to allow up to 8 cables in each circular port.
- Can accommodate a range of splitter modules from 1 × 2 to 2 × 64.
- Closure is sealed to IP68.

Kit contents

1 × Closure cap	1 × Pressure test valve	3 Joint sizes	3 Tray sizes
1 × Closure base	1 × Joint chassis	48 × Splice trays	12 × Splices per tray
1 × Seal	2 × Input manifold	80 × Splice trays	24 × Splices per tray
1 × Clamp		112 × Splice tray	36 × Splices per tray



Large Multi-Function Joint – LMJ

LARGE MULTI-FUNCTIONAL JOINT - LMJ						
Part numbers	Joint Size	Total Tray capacity	Splice Capacity	Splice Protector Size	Required Space Envelope	Packing Dimensions and weight
XJTSC02256	Short Cap	Empty	-	-	493 x 310	(l) 563 x (d) 342 x (w) 302 6.0kg*
XJTSC03015	Short Cap	48 (24 + 24)	576	2.2 x 45mm		
XJTSC02257	Medium Cap	Empty	-	-	600x310	(l) 678 x (d) 342 x (w) 302 6.8kg*
XJTSC02996	Medium Cap	80 (40 + 40)	960	2.2 x 45mm		
XJTSC03016	Medium Cap	80 (40+40) TD	1920	1.3 x 30mm		
XJTSC02258	Long Cap	Empty	-	-	721x310	(l) 793 x (d) 342 x (w) 302 7.8kg*
XJTSC02853	Long Cap	112 (56 + 56)	1344	2.2 x 45mm		
XJTSC02854	Long Cap	112 (56 + 56) TD	2688	1.3 x 30mm		

*weights do not include trays or kits

UPGRADE KITS

CLOSURE UPGRADE KITS – LMJ

Part numbers: see table

Closure upgrade kits can be used to upgrade a joint to a larger size after it has been installed. The upgrade kit contains a larger cap and additional chassis plates. It contains all of the fixings required and an installation guide to describe the upgrade process. It does not include additional splice trays which are ordered separately.

CLOSURE UPGRADE KITS – LMJ			
Part numbers	Description	From (Tray capacity)	To (Tray capacity)
XJTSC02321	Short cap to medium cap	48	80
XJTSC02322	Short cap to long cap	48	112
XJTSC02323	Medium cap to long cap	80	112

ADDITIONAL ITEMS**OVAL PORT ENTRY KIT****Part numbers: see table**

The LMJ oval port mechanical entry kit is used to install a loop of cable into the oval port of the LMJ. The kit contains all of the components required to prepare and install the cable, and route the cable fibres to the splice trays. The cables are sealed into the oval port using a mechanical gland system comprising of two plates and a rubber block that fits inside the oval port of the joint. It is important to order the correct kit dependant on the diameter of the cables to be sealed.

OVAL PORT MECHANICAL ENTRY KIT - LMJ				
Part numbers	Gland type	Sealing type	Min. cable diameter	Max. cable diameter
XJTSC02269	Oval	Mechanical	8.1	10.0
XJTSC02270	Oval	Mechanical	10.1	12.0
XJTSC02271	Oval	Mechanical	12.1	14.0
XJTSC02272	Oval	Mechanical	14.1	16.0
XJTSC02273	Oval	Mechanical	16.1	18.0
XJTSC02555	Oval	Mechanical	18.1	20.0
XJTSC02556	Oval	Mechanical	20.1	21.5

CIRCULAR PORT ENTRY GLANDS**Part numbers: see table**

Circular port entry glands are used to install cables into one of the 10 ports of the LMJ base. The glands can be installed onto the cable and then simply pushed into the base of the joint. The kit contains all of the parts necessary to seal the cable and secure the strength members. Multi-way glands are available to install multiple smaller cables into one circular port.

CIRCULAR PORT ENTRY GLANDS – LMJ					
Part numbers	Gland type	Number of entries	Min. cable diameter	Max. cable diameter	Used for
XJTSC01754	Single	1	7.1	20.0	Single cable with Aramid or CSM
XJTSC02193	Single	1	20.1	23.0	Single cable with Aramid or CSM
XJTSC02186	Dual	2	5.0	9.0	For interface with flexible conduit
XJTSC01755	Quad	4	5.0	7.0	Up to four cables with Aramid
XJTSC02767	Quad	4	4.0	6.0	With CSM retention for mini cables
XJTSC02768	Quad	4	5.0	7.0	With CSM retention for mini cables
XJTSC02769	Quad	4	7.0	8.5	With CSM retention for mini cables
XJTSC02608	Single	1	6.0 (SCOP)	30.0	Single cable with Aramid or CSM (Heat Shrink)

ADDITIONAL ITEMS**SPLICING MODULES****Part numbers: see table**

Single element modules for both 12f, 24f and 36f per tray can be utilised using 1.3 mm splice protectors. A 12f per tray module is also available for 2.2 mm splice protectors.

SPLICING MODULES – LMJ						
Part numbers	Tray type	Splice protector	No of trays	Fibres per tray	Fibre capacity	Tray positions used
XJTSC02144	Single Element 12	1.3 mm × 30 mm	4	12	48	4
XJTSC02261	Single Element 12	2.2 mm × 45 mm	4	12	48	4
XJTSC02262	Single Element 24	1.3 mm × 30 mm	4	24	96	4
XJTSC02468	Single Element 36	1.3 mm × 30 mm	4	36	144	4
XJTSC02582	Ribbon	Ribbon	2	24	48	4

SPLITTER MODULES**Part numbers: see table**

Can be installed into the LMJ. The splitter modules are supplied with a splitter and the input fibre pre-installed into the bottom tray and the output fibres installed into a number of trays above depending on the size of the splitter. The splitter input tray is coloured green. Standard splitters use G657A1 fibre. Refer to data sheet AC005 for splitter technical information.

SPLITTER MODULES – LMJ								
Part numbers	Splitter ratio	Tray type	Input tray	Output trays	Spare Trays	Outputs per tray	Splice protector mm	Tray positions used
XJTSC02310	1x4	SE12	1	1	2	4	1.3 × 30	4
XJTSC02312	1x8	SE12	1	1	2	8	1.3 × 30	4
XJTSC02314	1x16	SE12	1	2	1	8	1.3 × 30	4
XJTSC02316	1x32	SE24	1	2	1	16	1.3 × 30	4

SILICONE GREASE

Part numbers: XBFSC00260

Silicone grease is used when installing a cable into one of the entry glands. A sachet of grease is supplied with each gland. The purpose of this spare tube of grease is for use adding additional cables into the 4 Way gland at a later date. Quantity: pack of 5.

SPLICE PROTECTORS

Splice protectors are used to protect the fibre splice.

Part number: XPESC00057

Diameter: 1.3 mm

Length: 30 mm

Quantity: pack of 50

Part number: XPESC00053

Diameter: 2.2 mm Length: 45 mm

Quantity: pack of 50

WALL MOUNTING BRACKET

Part numbers: XJTSC02275

The wall mounting bracket allows a joint to be mounted vertically against a wall face or bulk head. The bracket is secured using either bolts or screws (provided). All jointing operations can be carried out whilst the joint is mounted in the bracket.

FLEXTUBE LOOP MANAGER

Part numbers: XJTSC02856

The loop manager kit can be used to support tube or fibre loops that are stored between the two trays stacks. It is recommended to be used with flextube cables.

HANDLE KIT

Part numbers: XJTSC02548

The Handle Kit contains two handles and two long cable ties. The handles can be strapped to the LMJ cap to ease lifting in and out of the jointing pit.

WORKING BRACKET

Part numbers: XAU5339406 (Bench Clamp)

XAU5339413 (LMJ rotating bracket)

The bench clamp and rotating bracket are used in combination to hold the closure to a bench or desk. This allows for easier access to the joint when splicing.

PERSPEX COVER

Part numbers: XJTSC03121 (pack of 10)

Perspex cover is wrapped around the trays and central storage location. It is used to contain all tubes, modules and fibres to protect them while the cap is put on.

TRAY SUPPORT KIT

Part numbers: XJTSC01397 (pack of 5 sets)

Splice trays are self supporting. The tray support kit can be used to support the trays showed tray no longer support themselves after extended wear.

Linking the future

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Prysmian Australia Pty Ltd

1 Heathcote Road, Liverpool 2170 NSW, Australia
Ph: 1300 300 304 Fx: 1300 300 307
E-mail: sales.au@prysmiangroup.com

www.prysmiancable.com.au

Prysmian New Zealand Ltd

30 Binsted Road, New Lynn 0600 Auckland, New Zealand
Ph: (09) 827 3109 Toll Free: 0800 492 225
E-mail: sales.nz@prysmiangroup.com

www.prysmiancable.co.nz



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