

Jointing **CLOSURES**



- **Copper** • **Fibre Optic**
- **Protection** • **Sealed** • **Security** • **Maintenance**

EGERTON

AUSTRALIA

EGERTON AUSTRALIA

Egerton Australia designs, manufactures and markets Telecommunications Jointing Closures for both copper and fibre optic applications.

Located at Homebush Bay in Sydney Australia, we are a major supplier to Telstra Australia, with whom we have jointly developed a number of innovative products, designed to assist in their maintaining a leading edge network. We also export Closure products to the Asia Pacific Region, the Americas and Europe.

In this catalogue, you will find our standard range of Closure products. We are, however, constantly developing new products for emerging technologies and markets. In fact, it is our ability to tailor products to the precise needs of our customers that sets us apart from our competitors. We hope you will find this edition of our Jointing Closures catalogue useful. Should one of our standard products not fully meet your requirements, however, we will be pleased to offer our expertise in developing a more appropriate solution.

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HEATSHRINK COPPER JOINT for up to 2 pairs / 20 pairs / 50 pairs / 100 pairs

GENERAL INFORMATION

- In-Line Joint Closures that utilise proven heatshrink technology to seal the joint.
- Suits up to 100 pairs of jointed conductors.
- Multiple cable configurations.
- Can be installed in pits or direct buried.
- For use with filled cables.



TEST SPECIFICATIONS

Integrity: Head of Water (H of W)	100 hours at 2 metres head 100 hours at 5 metres head - no leaks.
Environmental: Environmental Cycling Water Cycling Alkaline Resistance Thermal Ageing	50 cycles + 60/ - 30°C - pass H of W test. 50 cycles + 50/ + 5°C, - pass H of W test. 72 hours in pH 12 Sodium Hydroxide - no degradation and pass H of W test. 2000 hours at 60°C.
Mechanical: Flexure Torsion	Cables flexed at 0.5 m from closure ± 30 degrees, 100 cycles - no physical changes and pass H of W test. ± 90° Torsion from normal held for 5 minutes - no functional damage and pass H of W test

CABLE PAIR CONFIGURATION

Conductor	0.40	0.64	0.90
Maximum size of joint in the 170002	2	2	2
Maximum size of joint in the 170004	20	10	4
Maximum size of joint in the 170006	50	20	15
Maximum size of joint in the 170005	100	75	50

CABLE DIAMETERS

	170002	170004	170006	170005
Maximum diameter for cable	9mm	12mm	18mm	34mm
Minimum diameter for cable	4mm	6mm	12mm	16mm
Maximum diameter for joint bundle	15mm	25mm	38mm	50mm

ORDERING INFORMATION

Product Code	Description
170002	Heatshrink Joint for up to 2 pairs
170004	Heatshrink Joint for up to 20 pairs
170006	Heatshrink Joint for up to 50 pairs
170005	Heatshrink Joint for up to 100 pairs

EXPLODED VIEW

1. Outer sleeve
2. Desiccant (paper or silica gel)
3. Paper or foil
4. Braided former
5. Earth continuity kit

Note:

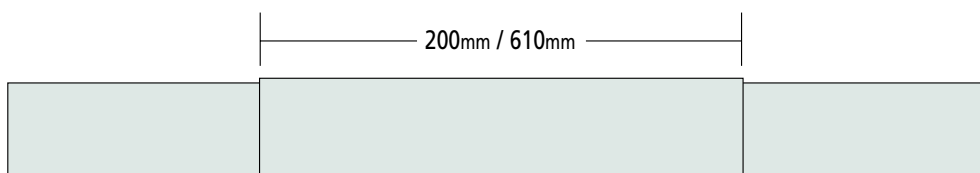
- a) For kit 170002 no desiccant is required.
- b) For kit 170004 only the paper strip is used as a desiccant.
- c) For all other kits both the silica gel and foil is used.
- d) Earth continuity kit not required with kit 170002.

KIT CONTENTS

1. Outer sleeve
12. Abrasive strip
13. Foil (cable protection)
14. Protective mittens
15. Cleaning pad
27. Desiccant (paper/silica gel)
34. Braided former
35. Paper/foil
37. Earth continuity kit

Note:

Kits are supplied complete with all necessary parts (except connectors).



Dimensions: Kit 170002 200mm. All other kits 610mm.

HEATSHRINK OPENABLE COPPER JOINT CLOSURES for up to 50 pairs

GENERAL INFORMATION

- Openable Joint Closures that utilise proven heatshrink technology to seal cables into the base.
- All auxiliary ports sealed until required (easy knockouts).
- Large oval port to accommodate looped cables.
- Suits up to 50 pairs of jointed conductors.
- Re-entry without the need of special tools.
- Multiple cable configurations.
- Suitable for pole/wall mounting, pit installation or direct buried.
- Available with a lockable or sealed clamp.
- Can be supplied for encapsulation.*



TEST SPECIFICATIONS

Integrity: Air Tightness	15 psi Internal /24 hours /23°C - no pressure loss.
Head of Water (H of W)	100 hours at 2 metres head 100 hours at 5 metres head - no leaks.
Environmental: Environmental Cycling	50 cycles + 60/ - 30°C - pass H of W test.
Water Cycling	50 cycles + 50/ + 5°C, 7 psi Internal - no loss of pressure.
Alkaline Resistance	72 hours in pH 12 Sodium Hydroxide - no degradation and pass H of W test.
Thermal Ageing	2000 hours at 60°C.
Mechanical: Flexure	Cables flexed at 0.5 m from closure ± 30 degrees, 100 cycles - no physical changes and pass H of W test.
Impact	1 Kg weight dropped and pass H of W test.
Torsion	± 90° Torsion from normal held for 5 minutes - no functional damage and pass H of W test
Re-entry	50 re-entries on all enterable parts - no functional damage and pass H of W test.

CABLE PAIR CONFIGURATION

Conductor	0.40	0.64	0.90
Maximum size of joint	50	20	10
Maximum size of looped cable in main port	50	20	10
Minimum size of looped cable in main port	10	6	6

CABLE DIAMETERS

Maximum diameter for looped cable in main port	2 x 16mm
Minimum diameter for looped cable in main port	2 x 8mm
Minimum diameter for single cable in main port	10mm
Maximum diameter for cable in auxiliary "A" ports	14mm
Minimum diameter for cable in auxiliary "A" ports	6mm

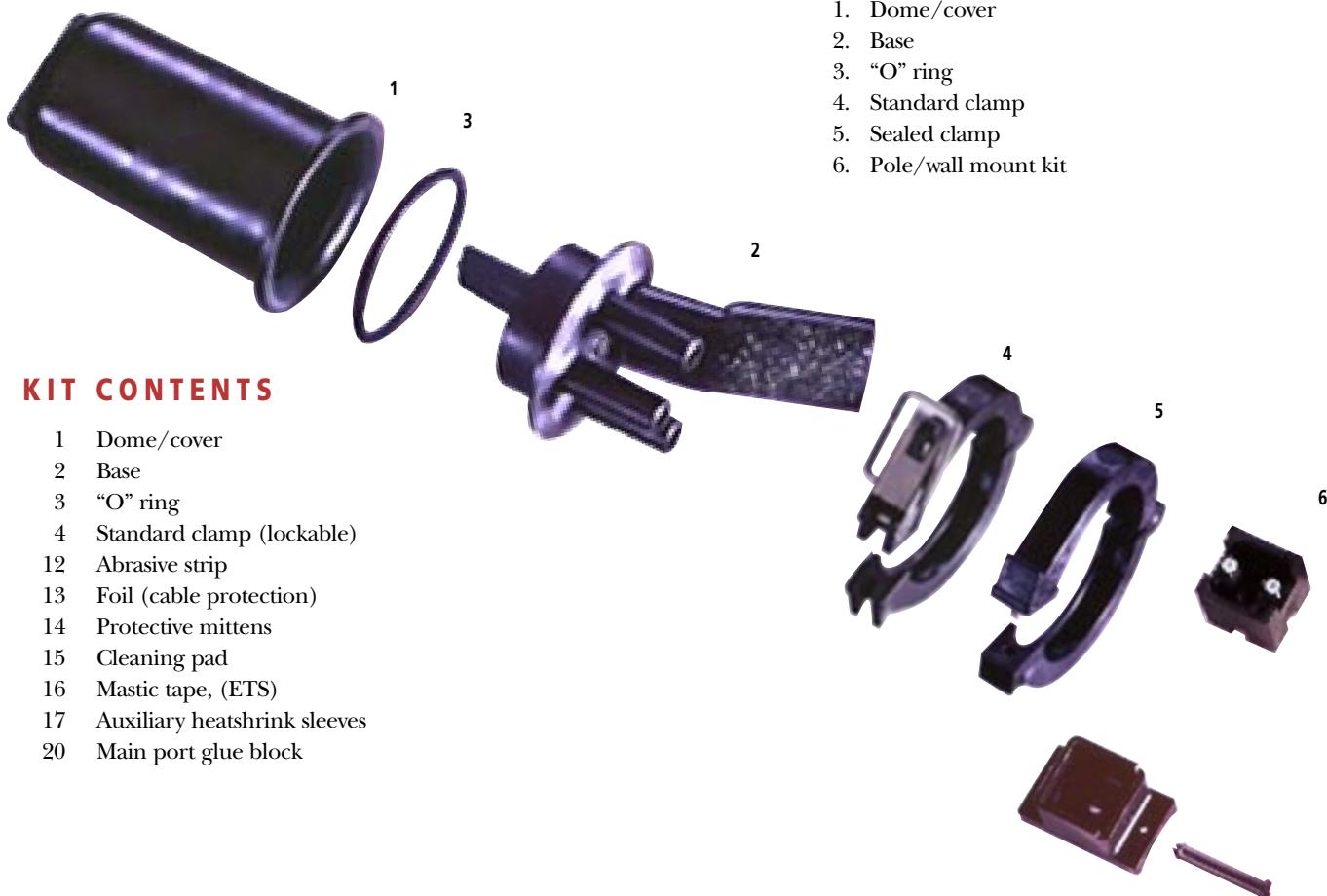
ORDERING INFORMATION

Product Code	Description
130002	Heatshrink Openable Joint Closure
130003	Heatshrink Openable Joint Closure Cutover Type
* 130006	Encapsulated Heatshrink Joint Closure
* 130007	Encapsulated Heatshrink Joint Closure Cutover Type
180002	3 Way Glue Block for auxiliary sleeve
180003	4 Way Glue Block for auxiliary sleeve
* 180044	Encapsulant Rehabilitation Kit (pack of 5)
180050	Closing Tool for Sealed Clamp
180062	Pole/Wall Mount Kit
190120	Sealed Clamp

*Note: Encapsulating Gel not supplied with Encapsulated Closures or Encapsulating Kits.

EXPLODED VIEW

1. Dome/cover
2. Base
3. "O" ring
4. Standard clamp
5. Sealed clamp
6. Pole/wall mount kit



KIT CONTENTS

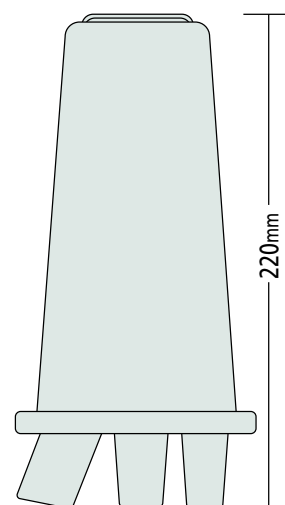
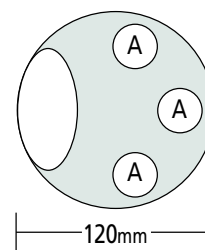
- 1 Dome/cover
- 2 Base
- 3 "O" ring
- 4 Standard clamp (lockable)
- 12 Abrasive strip
- 13 Foil (cable protection)
- 14 Protective mittens
- 15 Cleaning pad
- 16 Mastic tape, (ETS)
- 17 Auxiliary heatshrink sleeves
- 20 Main port glue block



ACCESSORIES

PRODUCT CODE

- | | |
|--|--------|
| 5. Sealed clamp | 190121 |
| 6. Pole/wall mount kit
(shown fitted to standard clamp) | 180062 |
| 19. Closing tool sealed clamp | 180050 |
| 24. 4 way glue block for auxiliary sleeves | 180003 |
| 25. 3 way glue block for auxiliary sleeves | 180002 |



Dimensions: 50 pair Closure

HEATSHRINK OPENABLE COPPER JOINT CLOSURES for up to 100 pairs

GENERAL INFORMATION

- Openable Joint Closures that utilise proven heatshrink technology to seal cables into the base.
- All auxiliary ports sealed until required (easy knockouts).
- Large oval port to accommodate looped cables.
- Suits up to 100 pairs of jointed conductors.
- Re-entry without the need of special tools.
- Multiple cable configurations.
- Suitable for pole/wall mounting, pit installation or direct buried.
- Available with a lockable or sealed clamp.
- Can be supplied for encapsulation.*



TEST SPECIFICATIONS

Integrity: Air Tightness	15 psi Internal /24 hours /23°C - no pressure loss.
Head of Water (H of W)	100 hours at 2 metres head 100 hours at 5 metres head - no leaks.
Environmental: Environmental Cycling	50 cycles + 60/ - 30°C - pass H of W test.
Water Cycling	50 cycles + 50/ + 5°C, 7 psi Internal - no loss of pressure.
Alkaline Resistance	72 hours in pH 12 Sodium Hydroxide - no degradation and pass H of W test.
Thermal Ageing	2000 hours at 60°C.
Mechanical: Flexure	Cables flexed at 0.5 m from closure ± 30 degrees, 100 cycles - no physical changes and pass H of W test.
Impact	1 Kg weight dropped and pass H of W test.
Torsion	± 90° Torsion from normal held for 5 minutes - no functional damage and pass H of W test
Re-entry	50 re-entries on all enterable parts - no functional damage and pass H of W test.

CABLE PAIR CONFIGURATION

Conductor	0.40	0.64	0.90
Maximum size of joint	100	50	20
Maximum size of looped cable in main port	100	50	20
Minimum size of looped cable in main port	10	6	6

CABLE DIAMETERS

Maximum diameter for looped cable in main port	2 x 22mm
Minimum diameter for looped cable in main port	2 x 8mm
Minimum diameter for single cable in main port	22mm
Maximum diameter for cable in auxiliary "A" port	14mm
Minimum diameter for cable in auxiliary "A" and "B" ports	6mm
Maximum diameter for cable in auxiliary "B" port	16mm

ORDERING INFORMATION

Product Code	Description
140012	Heatshrink Openable Joint Closure
140013	Heatshrink Openable Joint Closure Cutover Type
* 140016	Encapsulated Heatshrink Joint Closure
* 140017	Encapsulated Heatshrink Joint Closure Cutover Type
180002	3 Way Glue Block for auxiliary sleeve
180003	4 Way Glue Block for auxiliary sleeve
* 180045	Encapsulant Rehabilitation Kit (pack of 5)
180050	Closing Tool for Sealed Clamp
180062	Pole/Wall Mount Kit
190121	Sealed Clamp

*Note: Encapsulating Gel not supplied with Encapsulated Closures or Encapsulating Kits.

EXPLODED VIEW

1. Dome/cover
2. Base
3. "O" ring
4. Standard clamp
5. Sealed clamp
6. Pole/wall mount kit



KIT CONTENTS

1. Dome/cover
2. Base
3. "O" ring
4. Standard clamp (lockable)
12. Abrasive strip
13. Foil (cable protection)
14. Protective mittens
15. Cleaning pad
16. Mastic tape, (ETS)
17. Auxiliary heatshrink sleeves
20. Main port glue block

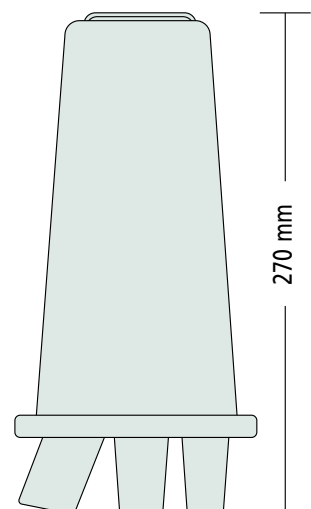
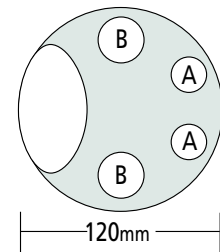


ACCESSORIES

5. Sealed clamp
6. Pole/wall mount kit
(shown fitted to standard clamp)
19. Closing tool sealed clamp
24. 4 way glue block for auxiliary sleeves
25. 3 way glue block for auxiliary sleeves

PRODUCT CODE

- 190121
180062
180050
180003
180002



Dimensions: 100 pair Closure

HEATSHRINK OPENABLE COPPER JOINT CLOSURES for up to 300 pairs

GENERAL INFORMATION

- Openable Joint Closures that utilise proven heatshrink technology to seal cables into the base.
- All auxiliary ports sealed until required (easy knockouts and fitted plugs).
- Suits up to 300 pairs of jointed conductors.
- Re-entry without the need of special tools.
- Multiple cable configurations.
- Suitable for pole/wall mounting, pit installation or direct buried.
- Available with a lockable or sealed clamp.



TEST SPECIFICATIONS

Integrity:	
Air Tightness	15 psi Internal /24 hours /23°C - no pressure loss.
Head of Water (H of W)	100 hours at 2 metres head 100 hours at 5 metres head - no leaks.
Environmental:	
Environmental Cycling	50 cycles + 60/ - 30°C - pass H of W test.
Water Cycling	50 cycles + 50/ + 5°C, 7 psi Internal - no loss of pressure.
Alkaline Resistance	72 hours in pH 12 Sodium Hydroxide - no degradation and pass H of W test.
Thermal Ageing	2000 hours at 60°C.
Mechanical:	
Flexure	Cables flexed at 0.5 m from closure ± 30 degrees, 100 cycles - no physical changes and pass H of W test.
Impact	1 Kg weight dropped and pass H of W test.
Torsion	± 90° Torsion from normal held for 5 minutes - no functional damage and pass H of W test
Re-entry	50 re-entries on all enterable parts - no functional damage and pass H of W test.

CABLE PAIR CONFIGURATION

Conductor	0.40	0.64	0.90
Maximum size of joint	300	100	50
Maximum size cable in main port	300	100	50
Minimum size cable in main port	20	6	6

CABLE DIAMETERS

Maximum diameter for cable in main port	35mm
Minimum diameter for cable in main port	10mm
Maximum diameter for cable in auxiliary "F" ports	23mm
Minimum diameter for cable in auxiliary "F" ports	6mm
Maximum diameter for cable in auxiliary "G" ports	15mm
Minimum diameter for cable in auxiliary "G" ports	6mm

ORDERING INFORMATION

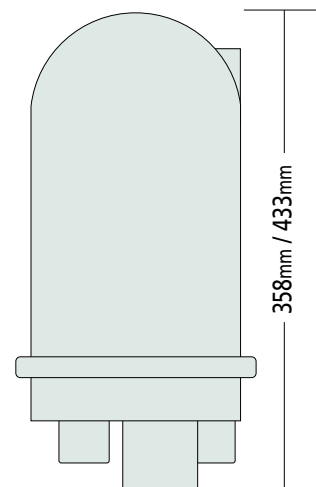
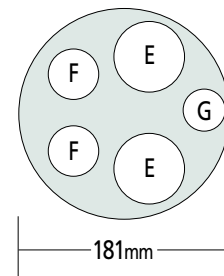
Product Code	Description
150017	Heatshrink Openable Joint Closure Long Dome main ports open
150018	Heatshrink Openable Joint Closure Long Dome main ports closed
150019	Heatshrink Openable Joint Closure main ports open
150020	Heatshrink Openable Joint Closure main ports closed
180008	Universal Mounting Bracket (requires mounting block 180026)
180015	25mm Heatshrink Gland Kit
180016	32mm Heatshrink Gland Kit
180026	Closure Mounting Block
180035	25/32mm Spanner for Auxiliary Heatshrink Glands
180050	Closing Tool for Sealed Clamp
190137	Long Dome
190138	Sealed Clamp

EXPLODED VIEW

1. Dome/cover
2. Base
3. "O" ring
4. Standard clamp
5. Sealed clamp
7. Universal mounting bracket
9. Closure mounting block

KIT CONTENTS

1. Dome/cover
2. Base
3. "O" ring
4. Standard clamp (lockable)
12. Abrasive strip
13. Foil (cable protection)
14. Protective mittens
15. Cleaning pad
16. Mastic tape, (ETS)



Dimensions: 300 pair Closure

ACCESSORIES

PRODUCT CODE

5. Sealed clamp	190138
7. Universal mounting bracket	180008
9. Closure mounting block	180026
18. Auxiliary heatshrink glands 25mm	180015
Auxiliary heatshrink glands 32mm	180016
19. Closing tool sealed clamps	180050
20. 2 way glue block	180001
24. 4 way glue block	180003
25. 3 way glue block	180002
26. 25/32 mm spanner for auxiliary heatshrink glands	180035

HEATSHRINK OPENABLE COPPER JOINT CLOSURES for up to 400 pairs

GENERAL INFORMATION

- Openable Joint Closures that utilise proven heatshrink technology to seal cables into the base.
- All auxiliary ports sealed until required (easy knockouts).
- Large oval port to accommodate looped cables.
- Suits up to 400 pairs of jointed conductors.
- Re-entry without the need of special tools.
- Multiple cable configurations.
- Suitable for pole/wall mounting, pit installation or direct buried.
- Available with a lockable or sealed clamp.



TEST SPECIFICATIONS

Integrity: Air Tightness	15 psi Internal /24 hours /23°C - no pressure loss.
Head of Water (H of W)	100 hours at 2 metres head 100 hours at 5 metres head - no leaks.
Environmental: Environmental Cycling	50 cycles + 60/ - 30°C - pass H of W test.
Water Cycling	50 cycles + 50/ + 5°C, 7 psi Internal - no loss of pressure.
Alkaline Resistance	72 hours in pH 12 Sodium Hydroxide - no degradation and pass H of W test.
Thermal Ageing	2000 hours at 60°C.
Mechanical: Flexure	Cables flexed at 0.5 m from closure ± 30 degrees, 100 cycles - no physical changes and pass H of W test.
Impact	1 Kg weight dropped and pass H of W test.
Torsion	± 90° Torsion from normal held for 5 minutes - no functional damage and pass H of W test
Re-entry	50 re-entries on all enterable parts - no functional damage and pass H of W test.

CABLE PAIR CONFIGURATION

Conductor	0.40	0.64	0.90
Maximum size of joint	400	200	100
Maximum size of looped cable main in port	400	200	100
Minimum size of looped cable main in port	70	30	20

CABLE DIAMETERS

Maximum diameter for looped cable in main port	2 x 42mm
Minimum diameter for looped cable in main port	2 x 17mm
Minimum diameter for single cable in main port	30mm
Maximum diameter for cable in auxiliary "B" port	16mm
Minimum diameter for cable in auxiliary "B" port	6mm
Maximum diameter for cable in auxiliary "C" port	35mm
Minimum diameter for cable in auxiliary "C" port	10mm

ORDERING INFORMATION

Product Code	Description
150015	Heatshrink Openable Joint Closure Cutover Type
150016	Heatshrink Openable Joint Closure Long Dome
150024	Heatshrink Openable Joint Closure
180001	2 Way Glue Block used with "C" port auxiliary sleeve
180002	3 Way Glue Block used with auxiliary sleeve
180003	4 Way Glue Block used with auxiliary sleeve
180042	Pole/Wall Mount Kit
180050	Closing Tool for Sealed Clamp
190137	Long Dome
190138	Sealed Clamp



EXPLODED VIEW

1. Dome/cover
2. Base
3. "O" ring
4. Standard clamp
5. Sealed clamp
8. Pole/wall mount kit

KIT CONTENTS

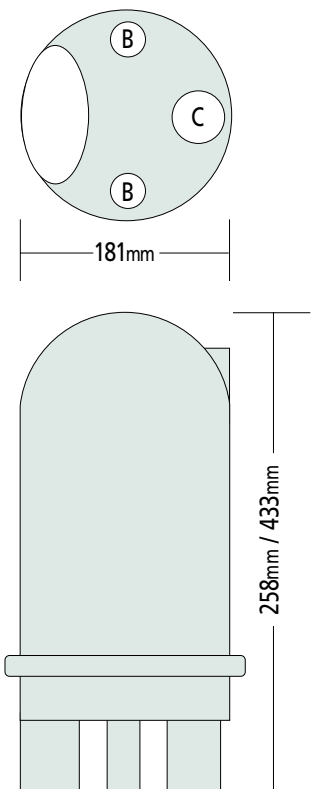
1. Dome/cover
2. Base
3. "O" ring
4. Standard clamp (lockable)
12. Abrasive strip
13. Foil (cable protection)
14. Protective mittens
15. Cleaning pad
16. Mastic tape, (ETS)
17. Auxiliary heatshrink sleeves
22. Main port glue block



ACCESSORIES

PRODUCT CODE

- | | |
|--|--------|
| 5. Sealed clamp | 190138 |
| 8. Pole/wall mount kit | 180042 |
| 19. Closing tool sealed clamp | 180050 |
| 20. 2 way glue block for auxiliary sleeve/(C port) | 180001 |
| 24. 4 way glue block for auxiliary sleeves | 180003 |
| 25. 3 way glue block for auxiliary sleeves | 180002 |



Dimensions: 400 pair Closure

HEATSHRINK OPENABLE COPPER PROTECTION JOINT CLOSURE for up to 20 pairs / 50 pairs / 100 pairs

GENERAL INFORMATION

- Openable Joint Closures that utilise proven heatshrink technology to seal cables into the base.
- All auxiliary ports sealed until required (easy knockouts).
- Large oval port to accommodate looped cables.
- Suits up to 100 pairs of protected conductors.
- Re-entry without the need of special tools.
- Multiple cable configurations.
- Suitable for pole/wall mounting and pit installation.
- Available with a lockable or sealed clamp.



TEST SPECIFICATIONS

Integrity: Air Tightness	15 psi Internal /24 hours /23°C - no pressure loss.
Head of Water (H of W)	100 hours at 2 metres head 100 hours at 5 metres head - no leaks.
Environmental: Environmental Cycling	50 cycles + 60/ - 30°C - pass H of W test.
Water Cycling	50 cycles + 50/ + 5°C, 7 psi Internal - no loss of pressure.
Alkaline Resistance	72 hours in pH 12 Sodium Hydroxide - no degradation and pass H of W test.
Thermal Ageing	2000 hours at 60°C.
Mechanical: Flexure	Cables flexed at 0.5 m from closure ± 30 degrees, 100 cycles - no physical changes and pass H of W test.
Impact	1 Kg weight dropped and pass H of W test.
Torsion	± 90° Torsion from normal held for 5 minutes - no functional damage and pass H of W test
Re-entry	50 re-entries on all enterable parts - no functional damage and pass H of W test.

CABLE PAIR CONFIGURATION

Conductor	0.40	0.64	0.90
Maximum size of joint for 140003	20	20	20
Maximum size of joint for 150008	50	50	50
Maximum size of joint for 150007	100	100	70

ORDERING INFORMATION

Product Code	Description
140003	Heatshrink Openable Protection Closure for 20 pairs
150007	Heatshrink Openable Protection Closure for 100 pairs
150008	Heatshrink Openable Protection Closure for 50 pairs
180013	Earth Stud for 140003 Closure
180050	Closing Tool for Sealed Clamp
190121	Sealed Clamp for 20 pair Closure
190138	Sealed Clamp for 50/100 pair Closures

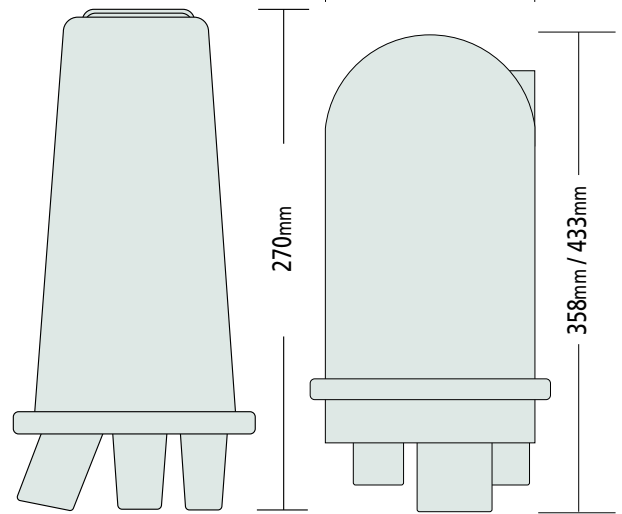
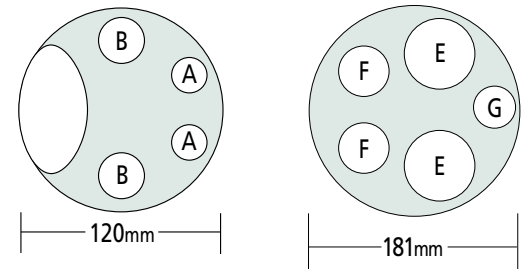
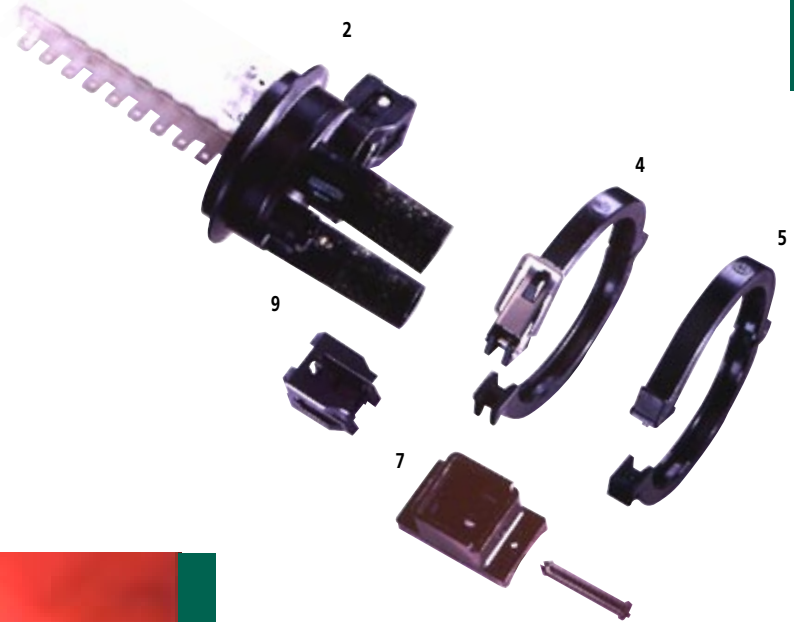


EXPLODED VIEW

1. Dome/cover
2. Base with mounting bracket
3. "O" ring
4. Standard clamp
5. Sealed clamp
7. Universal mounting bracket
9. Closure mounting bracket

KIT CONTENTS

1. Dome/cover
2. Base with mounting bracket
3. "O" ring
4. Standard clamp (20 pair) (lockable)
4. Standard clamp (50/100 pair) (lockable)
6. Pole/wall mount kit (20 pair)
7. Universal mounting bracket (50/100 pair)
9. Closure mounting block (50/100 pair)
12. Abrasive strip
13. Foil (cable protection)
14. Protective mittens
15. Cleaning pad
27. Desiccant (silica gel)
33. Earth stud (50/110 pair only)
36. Warning protection sticker



ACCESSORIES

PRODUCT CODE

5. Sealed clamp (20 pair)	190121
5. Sealed clamp (50/100 pair)	190138
18. Auxiliary heatshrink glands 32mm (50/100 pr)	180016
19. Closing tool sealed clamp	180050
20. 2 way block for main ports (50/100 pair)	180001
24. 4 way glue block for auxiliary sleeves	180003
25. 3 way glue block for auxiliary sleeves	180002
26. 25/32mm spanner for auxiliary heatshrink glands	180035
32. Earth stud (20 pair)	180013

Note:

- a) Connection blocks/protection units not supplied with kits.
- b) Closures are designed for the Krone® System.

Dimensions:
Protected Series 20 pair Protected Series 50/100 pair

HEATSHRINK OPENABLE FIBRE OPTIC JOINT CLOSURE for up to 12 fibres / 24 fibres

GENERAL INFORMATION

- Openable Fibre Closures that utilise proven heatshrink technology to seal cables into the base.
- All auxiliary ports sealed until required (easy knockouts).
- Accommodates up to 24 fibres.
- Re-entry without the need of special tools.
- Multiple fibre configurations.
- Suitable for pole/wall mounting, pit installation or direct buried.
- Available with a lockable or sealed clamp.
- Can be supplied for OPGW cables.*
- Available with central tension member support brackets.*



TEST SPECIFICATIONS

Integrity: Air Tightness Head of Water (H of W)	15 psi Internal /24 hours /23°C - no pressure loss. 100 hours at 2 metres head 100 hours at 5 metres head - no leaks.
Environmental: Environmental Cycling Water Cycling Alkaline Resistance Thermal Ageing	50 cycles + 60/ - 30°C - pass H of W test. 50 cycles + 50/ + 5°C, 7 psi Internal - no loss of pressure. 72 hours in pH 12 Sodium Hydroxide - no degradation and pass H of W test. 2000 hours at 60°C.
Mechanical: Flexure Impact Torsion Re-entry	Cables flexed at 0.5 m from closure ± 30 degrees, 100 cycles - no physical changes and pass H of W test. 1 Kg weight dropped and pass H of W test. ± 90° Torsion from normal held for 5 minutes - no functional damage and pass H of W test 50 re-entries on all enterable parts - no functional damage and pass H of W test.

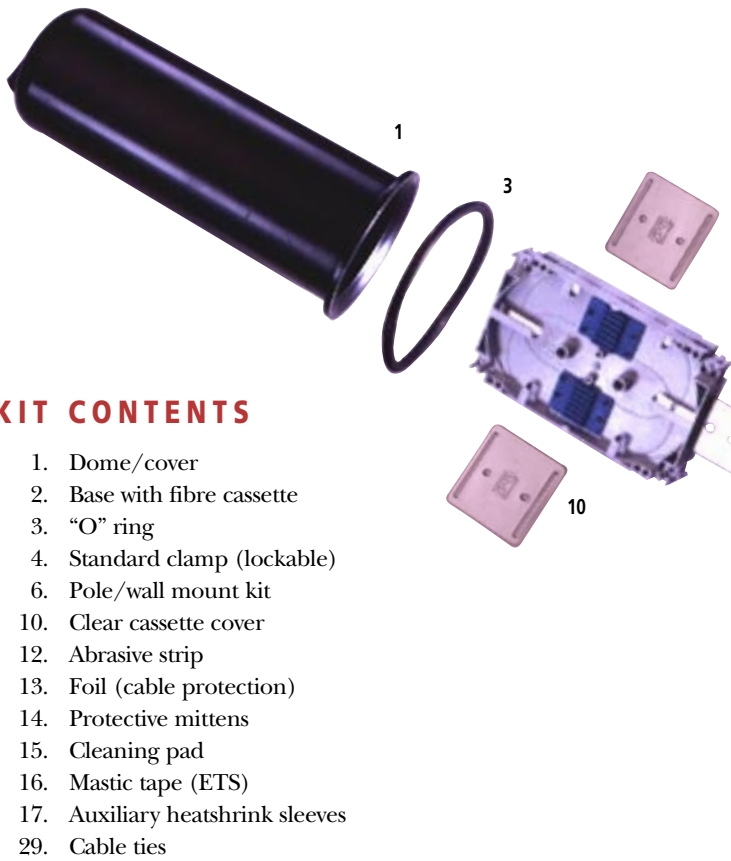
FIBRE CONFIGURATION

Closure	140001	140002
Maximum number of fibre splices per joint closure	12	24

ORDERING INFORMATION

Product Code	Description
140001	Heatshrink Openable Joint Closure for 12 fibres
140002	Heatshrink Openable Joint Closure for 24 fibres
180050	Closing Tool for Sealed Clamp
180062	Pole/Wall Mount Kit
190121	Sealed Clamp

*Note: For OPGW and Central Member Support Closures, please contact the Egerton Australia Sales Department.



EXPLODED VIEW

1. Dome/cover
2. Base with fibre cassette
3. "O" ring
4. Standard clamp (lockable)
5. Sealed clamp
6. Pole/wall mount kit
10. Cassette cover

KIT CONTENTS

1. Dome/cover
2. Base with fibre cassette
3. "O" ring
4. Standard clamp (lockable)
6. Pole/wall mount kit
10. Clear cassette cover
12. Abrasive strip
13. Foil (cable protection)
14. Protective mittens
15. Cleaning pad
16. Mastic tape (ETS)
17. Auxiliary heatshrink sleeves
29. Cable ties

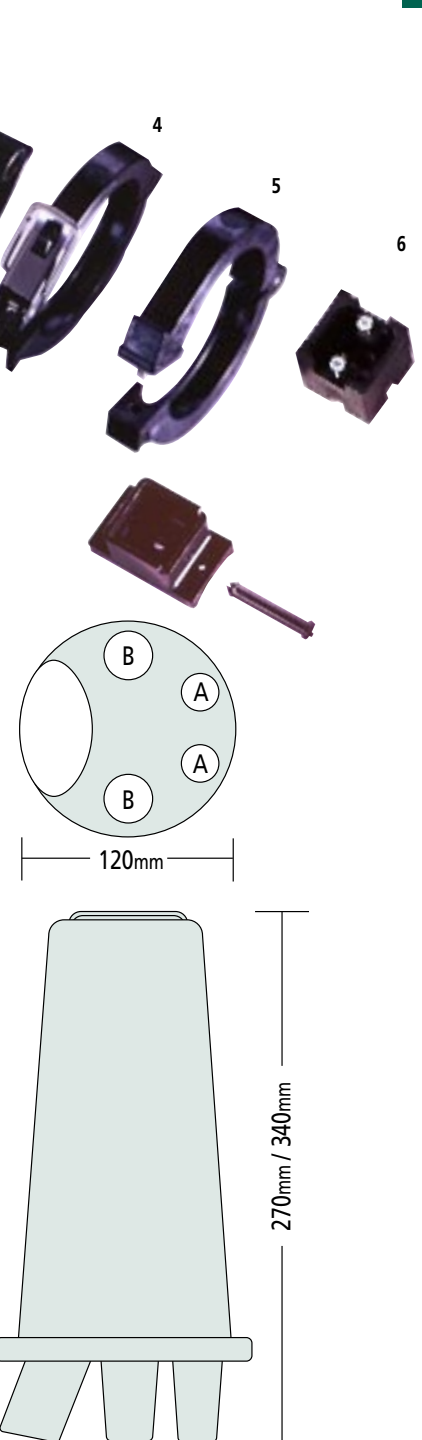


ACCESSORIES

5. Sealed clamp
11. Central tension support bracket (140002)
19. Closing tool sealed clamp

PRODUCT CODE

190121
180052
180050



Dimensions: 12/24 Fibre Closures

HEATSHRINK OPENABLE FIBRE OPTIC JOINT CLOSURE for up to 72 fibres

GENERAL INFORMATION

- Openable Fibre Closures that utilise proven heatshrink technology to seal cables into the base.
- All auxiliary ports sealed until required (easy knockouts).
- Large oval port to accommodate looped cables.
- Accommodates up to 72 fibres.
- Re-entry without the need of special tools.
- Multiple cable configurations.
- Suitable for pole/wall mounting, pit installation or direct buried.
- Available with a lockable or sealed clamp.
- Can be supplied for OPGW cables.*
- Available with central tension member support brackets.



TEST SPECIFICATIONS

Integrity: Air Tightness Head of Water (H of W)	15 psi Internal /24 hours /23°C - no pressure loss. 100 hours at 2 metres head 100 hours at 5 metres head - no leaks.
Environmental: Environmental Cycling Water Cycling Alkaline Resistance Thermal Ageing	50 cycles + 60/ - 30°C - pass H of W test. 50 cycles + 50/ + 5°C, 7 psi Internal - no loss of pressure. 72 hours in pH 12 Sodium Hydroxide - no degradation and pass H of W test. 2000 hours at 60°C.
Mechanical: Flexure Impact Torsion Re-entry	Cables flexed at 0.5 m from closure ± 30 degrees, 100 cycles - no physical changes and pass H of W test. 1 Kg weight dropped and pass H of W test. ± 90° Torsion from normal held for 5 minutes - no functional damage and pass H of W test 50 re-entries on all enterable parts - no functional damage and pass H of W test.

FIBRE CONFIGURATION

Closure	150001	150002	150003	150004	150005
Maximum number of fibre splices per joint closure	24	36	48	60	72

ORDERING INFORMATION

Product Code	Description
150001	Heatshrink Openable Joint Closure for 24 fibres
150002	Heatshrink Openable Joint Closure for 36 fibres
150003	Heatshrink Openable Joint Closure for 48 fibres
150004	Heatshrink Openable Joint Closure for 60 fibres
150005	Heatshrink Openable Joint Closure for 72 fibres
180011	Single Fibre Cassette Kit
180012	Central Tension Member Support Bracket
180042	Pole/Wall Mount Kit
180050	Closing Tool for Sealed Clamp
180059	Loose Tube Guide Tool
190138	Sealed Clamp

*Note: For OPGW Closure, please contact the Egerton Australia Sales Department.



EXPLODED VIEW

1. Dome/cover
2. Base with fibre cassettes
3. "O" ring
4. Standard clamp
5. Sealed clamp
8. Pole/wall mount kit
11. Central tension member bracket

KIT CONTENTS

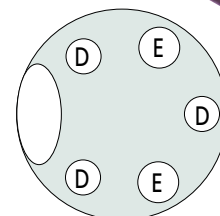
1. Dome/cover
2. Base with cassettes
3. "O" ring
4. Standard clamp (lockable)
12. Abrasive strip
13. Foil (cable protection)
14. Protective mittens
15. Cleaning pad
16. Mastic tape, (ETS)
17. Heatshrink sleeve main port (not fitted)
17. Auxiliary heatshrink sleeve
23. 2/3 way glue block for main port
29. Cable ties
31. Cassette label



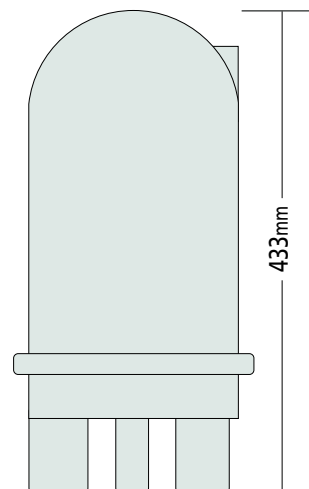
ACCESSORIES

PRODUCT CODE

- | | |
|--|--------|
| 5. Sealed clamp | 190138 |
| 8. Pole/wall mount kit | 180042 |
| 11. Central member support bracket | 180012 |
| 19. Closing tool sealed clamp | 180050 |
| 28. Loose tube guide tool | 180059 |
| 30. Extra cassettes complete with splice holders | 180011 |



181mm



433mm

Dimensions: 24/72 Fibre Closures

NUMERICAL LISTING

PRODUCT CODE	OLD CODE	DESCRIPTION	PAGES
130002	OJS	Heatshrink Openable Copper Joint Closure for up to 50 pairs	4,5
130003	OJSCO	Heatshrink Openable Copper Joint Closure Cutover Type for up to 50 pairs	4,5
130006	SHSJS	Encapsulated Heatshrink Copper Joint Closure for up to 50 pairs	4,5
130007	SHSJSCO	Encapsulated Heatshrink Copper Joint Closure Cutover Type for up to 50 pairs	4,5
140001	OJLFO-12	Heatshrink Openable Fibre Optic Joint Closure for up to 12 fibres	14,15
140002	OJLFO-24	Heatshrink Openable Fibre Optic Joint Closure for up to 24 fibres	14,15
140003	KOJ-20	Heatshrink Openable Copper Protection Joint Closure for up to 20 pairs	12,13
140012	OJL	Heatshrink Openable Copper Joint Closure for up to 100 pairs	6,7
140013	OJLCO	Heatshrink Openable Copper Joint Closure Cutover Type for up to 100 pairs	6,7
140016	SHSJL	Encapsulated Heatshrink Copper Joint Closure for up to 100 pairs	6,7
140017	SHSJLCO	Encapsulated Heatshrink Copper Joint Closure Cutover Type for up to 100 pairs	6,7
150001	32F1-24	Heatshrink Openable Fibre Optic Joint Closure for up to 24 fibres	16,17
150002	32F1-36	Heatshrink Openable Fibre Optic Joint Closure for up to 36 fibres	16,17
150003	32F-48	Heatshrink Openable Fibre Optic Joint Closure for up to 48 fibres	16,17
150004	32F-60	Heatshrink Openable fibre Optic Joint Closure for up to 60 fibres	16,17
150005	32F-72	Heatshrink Openable Fibre Optic Joint Closure for up to 72 fibres	16,17
150007	KOJ-100	Heatshrink Openable Copper Protection Joint Closure for up to 100 pairs	12,13
150008	KOJ-50	Heatshrink Openable Copper Protection Joint Closure for up to 50 pairs	12,13
150015	32C2-CO	Heatshrink Openable Copper Joint Closure Cutover Type for up to 400 pairs	10,11
150016	32C2-LD	Heatshrink Openable Copper Joint Closure, long dome for up to 400 pairs	10,11
150017	32RLCALL	Heatshrink Openable Copper Joint Closure, long dome, main ports open for up to 300 pairs	8,9
150018	32RLD	Heatshrink Openable Copper Joint Closure, long dome, main ports closed for up to 300 pairs	8,9
150019	32RSCALL	Heatshrink Openable Copper Joint Closure main ports open for up to 300 pairs	8,9
150020	32RSD	Heatshrink Openable Copper Joint Closure main ports closed for up to 300 pairs	8,9
150024	32C2-SD	Heatshrink Openable Copper Joint Closure for up to 400 pairs	10,11

PRODUCT CODE	OLD CODE	DESCRIPTION	PAGES
170002	E2599	Heatshrink Copper Joint for up to 2 pairs	2,3
170004	MRT4	Heatshrink Copper Joint for up to 20 pairs	2,3
170005	MRT6	Heatshrink Copper Joint for up to 100 pairs	2,3
170006	MRT5	Heatshrink Copper Joint for up to 50 pairs	2,3
180001	2WCPS	2 Way Glue Block	6,7,9,10,11,13
180002	3WCPS	3 Way Glue Block for use with auxiliary sleeve	4 - 7,9 - 11,13
180003	4WCPS	4 Way Glue Block for use with auxiliary sleeve	4,5,7,9 - 11,13
180008	Unibrack	Universal Mounting Bracket	8,9
180011	CAN-SGLE/F	Extra Single Fibre Cassette complete with splice holders for 150XXX Closures	16,17
180012	32F1-CTM	Central Tension Member support bracket for 150XXX Fibre Optic Closures	16,17
180013	OJESTUD	Earth Stud for 140003 Protection Closure	12
180015	M25EG	Heatshrink Gland Kit for 25mm	8,9
180016	M32EG	Heatshrink Gland Kit for 32mm	8,9,13
180026	Uniblock-R	Closure Mounting Block	8,9
180035	32RSpan	32R Spanner for use with 25/32mm Heatshrink Gland Kits	8,9
180042	32Abktasbl	Pole/Wall Mounting Bracket Complete for 150XXX Closures	10,11,16,17
180044	OJSRehab	Encapsulant Kit for 130XXX Closure (no Encapsulant supplied) pack of (5)	4,5
180045	OJLRehab	Encapsulant Kit for the 140XXX Closure (no Encapsulant supplied) pack of (5)	6,7
180050	SEALTOOL	Closure Tool for sealed clamps	4 - 17
180052	CTM	Central Tension Support Bracket for 140002 Closure	15
180059	LTP	Loose Tube Guide Tool for 150XXX Fibre Closures	16,17
180062	(NEW)	Pole/Wall Mount Kit for 130XXX & 140XXX Closures	4 - 7,12,14,15
190120	30S Clamp	Sealed Clamp for 130XXX Closures	4,5
190121	31S Clamp	Sealed Clamp for 140XXX Closures	6,7,12 - 15
190137	32AL	Long Dome for 150XXX Closures	8,10
190138	32S Clamp	Sealed Clamp for 150XXX Closures	8 - 13,16,17

NOTES



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Available from: