

## Aerial Splitter Drop Closure

### DESIGN & CONSTRUCTION

- A compact & discreet closure for “last mile” customer connections.
- Loop storage area for midspan and re-routing individual elements
- Supplied with pre-installed drop cable seals and retention – no additional parts required
- Accepts splitters up 4x to 1:8 or splice only
- The closure has a patch panel for up to 32 (24) x 3mm LC (SC) and 16 (16) x 5mm LC (SC) customer connection cables.
- Lockable sections to prevent unauthorised access
- Separate operation and installation area
- All components are tethered to prevent loss during access
- Pole or wall mountable
- Closure and cable inputs sealing to IP55\*.



### Main characteristics

#### Kit Contents

The ASDC is supplied with: -

- 01 x Base
- 01 x Cover
- 01 x Perimeter O-Seal
- 01 x Loop manager
- 01 x Splice / Patch tray
- 01 x Patch Panel
- 01 x Tray cover
- 01 x Fibre Pen
- 01 x Drop cable sealing system
- 02 x Blanking plug

Can be supplied separately: (see page 3)

- Locking kit
- Cable ties
- Splice protectors

#### Logistics

##### Dimensions (mm):

- 260 (h) x 155 (w) x 67.5mm (d)

##### \*Net Weight (Kg):

- TBC

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## Main characteristics

• Minimum Fibre Bend Radius (mm):	15 ( <b>Note:</b> The loop manager will maintain 30mm, the fibre splice tray 15mm).
• Number of Input Cable Ports:	Up to 4
• Number of Drop Cable positions:	3mm - 32 (LC) 24 (SC) 5mm - 16 (LC & SC)
• Cable Diameter Range (mm):	
• Midspan Port:	up to 7 (optimised for ULW cable)
• Drop cables:	3 or 5
• Cable Retention (N):	
• Midspan port:	> Cable ( $\varnothing/45$ ) x 1000N with central strength member secured*
• Drop cables:	> 10 x D*
• Maximum splice capacity of closure:	48*
• Maximum splitter capacity of closure:	4x 1:8 or 2x 1:16 (connector dependant)
• Required space envelope (mm):	(l) 320 x (w) 165 x (d) 68
• Operating temperature:	-40°C to + 70°C (5 to 95% RH) *
• Material:	TBC
• Testing:	
• Closure Sealing:	IP55*
• Optical:	Tested 1310nm,1550nm and 1625nm *
• 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 *

\*all subject to type testing

# Aerial Splitter Drop Closure

## Part Numbers – 3mm drops

Part No.	Connector type	Connector no.	Drop cable diameter	Splitter no.	Splitter ratio
XCPSC04763	LCA	16	3mm	2	1:8
XCPSC04764	LCA	24	3mm	3	1:8
XCPSC04765	LCA	32	3mm	4	1:8
XCPSC04766	LCA	16	3mm	1	1:16
XCPSC04767	LCA	32	3mm	2	1:16
XCPSC04768	LCU	16	3mm	2	1:8
XCPSC04769	LCU	24	3mm	3	1:8
XCPSC04770	LCU	32	3mm	4	1:8
XCPSC04771	LCU	16	3mm	1	1:16
XCPSC04772	LCU	32	3mm	2	1:16
XCPSC04773	SCA	16	3mm	2	1:8
XCPSC04774	SCA	24	3mm	3	1:8
XCPSC04775	SCA	16	3mm	1	1:16
XCPSC04776	SCU	16	3mm	2	1:8
XCPSC04777	SCU	24	3mm	3	1:8
XCPSC04778	SCU	16	3mm	1	1:16

## Part Numbers – 3mm drops without splitters

Part No.	Connector type	Connector no	Drop cable diameter
TBC	LCA	16	3mm
TBC	LCU	16	3mm
TBC	SCA	16	3mm
TBC	SCU	16	3mm

Products without splitters come complete with pigtails for splicing.

Other configurations available upon request.

# Aerial Splitter Drop Closure

## Part Numbers – 5mm drops

Part No.	Connector type	Connector no.	Drop cable diameter	Splitter no.	Splitter ratio
TBC	LCA	8	5mm	1	1:8
TBC	LCA	16	5mm	2	1:8
TBC	LCA	16	5mm	1	1:16
TBC	LCU	8	5mm	1	1:8
TBC	LCU	16	5mm	2	1:8
TBC	LCU	16	5mm	1	1:16
TBC	SCA	8	5mm	1	1:8
TBC	SCA	16	5mm	2	1:8
TBC	SCA	16	5mm	1	1:16
TBC	SCU	8	5mm	1	1:8
TBC	SCU	16	5mm	2	1:8
TBC	SCU	16	5mm	1	1:16

## Part Numbers – 5mm drops without splitters

Part No.	Connector type	Connector no	Drop cable diameter
TBC	LCA	16	5mm
TBC	LCU	16	5mm
TBC	SCA	16	5mm
TBC	SCU	16	5mm

Products without splitters come complete with pigtails for splicing.

Other configurations available upon request.

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## Additional Items

Item	Prysmian Part No.	Description	Image
SPLICE PROTECTORS 2.2	<b>XKTSC00050 (Pack of 12)</b> <b>XPESC00053 (Pack of 50)</b>	Splice protectors are used to protect the fibre splice. They are 2.2mm in diameter and 45mm in length.	
CABLE TIES	<b>TBC</b>	3.6x80mm cable ties for securing the drop cables	
LOCKING KIT	<b>TBC</b>	The locking kit includes: External lock Internal screws x 2 for restricting access to the splicing tray and the loop management area	
SLACK STORAGE BRACKET	<b>TBC</b>	Pole/wall storage bracket for incoming or drop cable excess lengths.	
SPLITTERS	<b>XSPSG00660 (1x8 SCA)</b> <b>XSPSG00661 (1x8 LCU)</b> <b>XSPSG00662 (1x16 SCA)</b> <b>XSPSG00663 (1x16 LCU)</b> <b>XSPSG00780 (1x8 SCU)</b> <b>XSPSG00781 (1x8 LCA)</b> <b>XSPSG00782 (1x16 SCU)</b> <b>XSPSG00783 (1x16 LCA)</b>	A range of optical splitters are available to install into the joint. The splitters have 1 metre input and 70mm output legs with 250 micron G657A1 fibre. For full technical information on the splitters refer to data sheet AC005.	