

XAGA® 500/530/550

Non-pressurized heat-shrinkable copper splice closure

Heat-shrinkable composite joint closure system for environmental and mechanical protection of joints in the unpressurised telephone network: aerial, buried or ducted, non-filled or jelly-filled cables with polyethylene, lead, steel or aluminium sheaths.



Features and benefits

- Composite structure of the sleeve offers an excellent resistance to mechanical abuse during and after the installation
- Integrated moisture barrier completely reconstitutes the cable sheath over the total splice area
- Hotmelt adhesive forms a watertight seal to the cable sheath
- Supporting liner insulates, shapes and compacts the splice bundle
- Up to 3 cables at each end can be accommodated using three finger clips with hotmelt adhesive
- Installation indication: heat sensitive paint and adhesive flow, white line
- Extended size range can accommodate splices up to 3600 pairs
- Unlimited shelf life

Specifications

Design and configurations

Product series	Size range	Liner material	Application
XAGA-500	Up to 800 pair	Laminated cardboard	Flexible liner, suitable for most applications
XAGA-530	Up to 800 pair	Non-hygroscopic Profoam	Excellent performance under high humidity and in tropical conditions
XAGA-550	Up to 3600 pair	Aluminum canister	Highest mechanical protection & very large closure sizes

Kit content

- Abrasive strip
- Aluminium foil
- Branch-off kit (only in versions with branch-off kit)
- Channels with underclip
- Cleaning tissue
- Desiccant (Silica gel)
- Heat-shrinkable sleeve
- Installation instruction
- Liner: cardboard laminate (XAGA-500), non-hygroscopic profoam (XAGA-530) or metal cannister (XAGA-550)
- PVC tape (XAGA-530)
- Shield continuity wire



Figure 1: Content XAGA-530 kit

Note for branched joints

1 The standard XAGA® kits are designed to fit max. 2 cables branched at one end only. Branched joints with more cables require the use of one additional branch-off kit (BOKT – 55, 5M or 5L) per added cable.

2 For joints with 2 or more cables in one end the overall diameter must be determined.

Add 6 mm for every small clip or 8 mm for every medium clip. In each case the total diameter may not exceed the maximum joint diameter. See the diagram to the right.

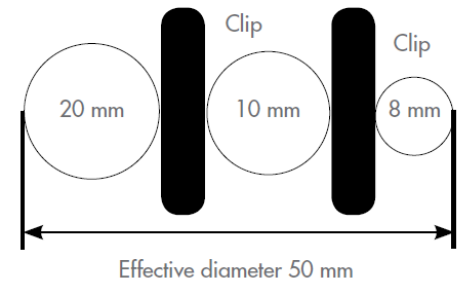
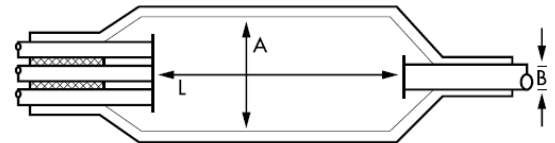


Figure 2: Calculation of effective diameter

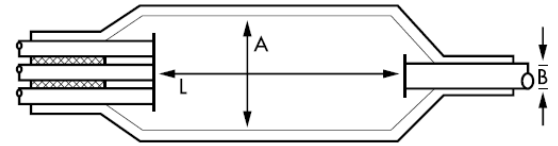
General attributes & mechanical characteristics

XAGA-500 with branch-off kit



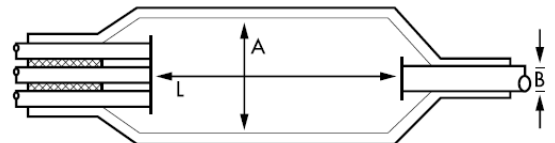
Product description	Max. splice bundle diameter (A) (mm)	Min. cable diameter (B) (mm)	Nominal sheath opening (L) (mm)
XAGA-500-43/8-150-INT	43	8	150
XAGA-500-43/8-300-INT	43	8	300
XAGA-500-55/12-150-INT	55	12	150
XAGA-500-55/12-300-INT	55	12	300
XAGA-500-75/15-240-INT	75	15	240
XAGA-500-75/15-300-INT	75	15	300
XAGA-500-75/15-400-INT	75	15	400
XAGA-500-75/15-500-INT	75	15	500
XAGA-500-100/25-260-INT	100	25	260
XAGA-500-100/25-460-INT	100	25	460
XAGA-500-100/25-500-INT	100	25	500
XAGA-500-125/30-265-INT	125	30	265
XAGA-500-125/30-460-INT	125	30	460

XAGA-500 without branch-off kit



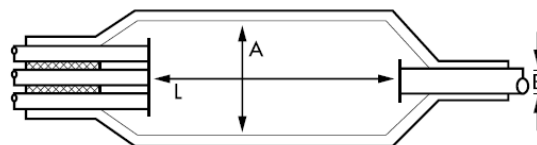
Product description	Max. splice bundle diameter (A) (mm)	Min. cable diameter (B) (mm)	Nominal sheath opening (L) (mm)
XAGA-500-43/8-150Z-INT	43	8	150
XAGA-500-43/8-300Z-INT	43	8	300
XAGA-500-55/12-150Z-INT	55	12	150
XAGA-500-55/12-300Z-INT	55	12	300
XAGA-500-75/15-240Z-INT	75	15	240
XAGA-500-75/15-300Z-INT	75	15	300
XAGA-500-75/15-400Z-INT	75	15	400
XAGA-500-75/15-500Z-INT	75	15	500
XAGA-500-100/25-260Z-INT	100	25	260
XAGA-500-100/25-460Z-INT	100	25	460
XAGA-500-100/25-500Z-INT	100	25	500
XAGA-500-125/30-265Z-INT	125	30	265
XAGA-500-125/30-460Z-INT	125	30	460

XAGA-530 with branch-off kit



Product description	Max. splice bundle diameter (A) (mm)	Min. cable diameter (B) (mm)	Nominal sheath opening (L) (mm)
XAGA-530-43/8-150	43	8	150
XAGA-530-43/8-300	43	8	300
XAGA-530-55/12-150	55	12	150
XAGA-530-55/12-300	55	12	300
XAGA-530-75/15-240	75	15	240
XAGA-530-75/15-300	75	15	300
XAGA-530-75/15-400	75	15	400
XAGA-530-75/15-450	75	15	450
XAGA-530-100/25-450	100	25	450
XAGA-530-125/30-450	125	30	450

XAGA-550 with branch-off kit



Product description	Max. splice bundle diameter (A) (mm)	Min. cable diameter (B) (mm)	Nominal sheath opening (L) (mm)
XAGA-550-43/8-200	43	8	200
XAGA-550-43/8-350	43	8	350
XAGA-550-43/8-500	43	8	500
XAGA-550-75/15-250	75	15	250
XAGA-550-75/15-350	75	15	350
XAGA-550-75/15-500	75	15	500
XAGA-550-75/15-650	75	15	650
XAGA-550-92/25-300	92	25	300
XAGA-550-92/25-500	92	25	500
XAGA-550-92/25-650	92	25	650
XAGA-550-122/30-300	122	30	300
XAGA-550-122/30-500	122	30	500
XAGA-550-122/30-650	122	30	650
XAGA-550-160/42-500	160	42	500
XAGA-550-160/42-720	160	42	720
XAGA-550-200/50-500	200	50	500
XAGA-550-200/50-720	200	50	720

Accessories

Description	To be used with
BOKT-5S-43/8-75/15	XAGA-5xx-43/8-xxx and XAGA-5xx-75/15-xxx
BOKT-5M-92/25-125/30	XAGA-5xx-100/25-xxx and XAGA-5xx-125/30-xxx
BOKT-5L-160/42-200/50	XAGA-5xx-160/42-xxx and XAGA-5xx-200/50-xxx

BOKT Kit content

- Aluminium foil
- Branch off clip
- Cleaning tissue
- Shield continuity wire + connector
- Tie wrap



Figure 3: Content branch off kit

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