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KARL GÄRTNER GMBH

NETWORKING COMPONENTS

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PLASTIC INJECTION MOULD PARTS

INDUSTRIAL ELECTRONICS

## Unlimited Possibilities in Fiber Optic Cabling



DataVoice

# Splice Arranged Management

FO Splice Cassette System SAM

# SAM - Splice Arranged Management

SAM – Splice Arranged Management System offers the optimal solution in managing fiber optic connections and safe-keeping of fiber splices. Usable in diverse LAN- WAN- and MAN-applications in Fiber-to-the-Home and in industrial environments, the SAM splice cassette system plays a key role in passive distribution systems. The system comprises 2 different cassettes - a Single Circuit design for 4 splice connections and a Single Element design for 12 splice connections, both of which can be used with universal splice retainers for crimp

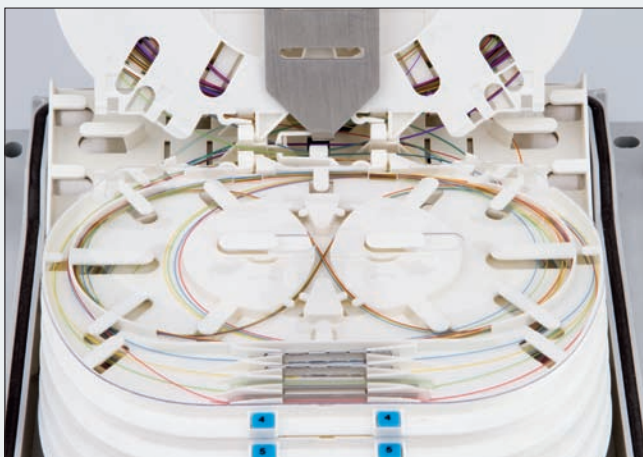
and shrink splicing in a variety of installation areas. The cassettes provide an orderly and safe storage of the splices, and can be combined with each other. The fold-in feature of the cassettes facilitates installation and offers ideal access to each fiber or to the respective terminal without impacting other fibers or services. In this way the SAM system enables quick and simple network restructuring which reflects significantly in time and cost savings when there is high interchange of terminals.



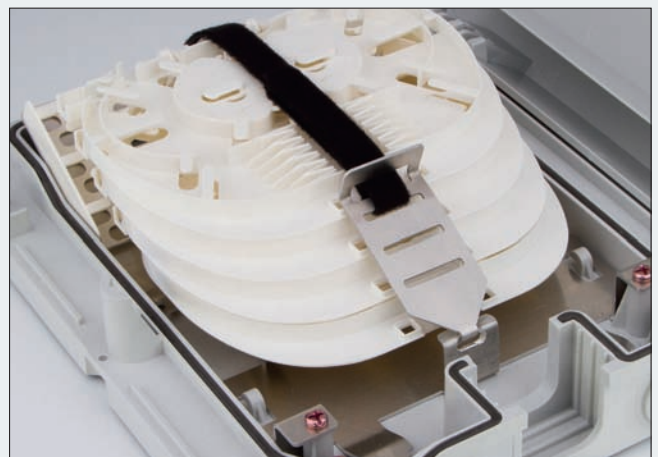
ODB 54 equipped with 8 SC cassettes



Housing ODB 54 – Protection class IP54




Fiber handling in SC cassette




Retention of retainer in ODB 54 equipped with SE cassette module

## Technical Data:

- splice cassette optionally suitable for both crimp and shrink splice protection
- can accommodate fiber diameters up to 600  $\mu\text{m}$
- bending radius of 30 mm
- space for up to 1.5 m fiber reserve in cassette
- cross-over field for re-direction of the fiber handling
- ideally suited for Blow Fiber solutions
- snap-in feature of the cassette in opened position for optimal installation
- subsequent fiber insertion possible at any time
- recess for fitting labeling strip
- numbering clips can be attached
- perfect transition between cassette and carrier module

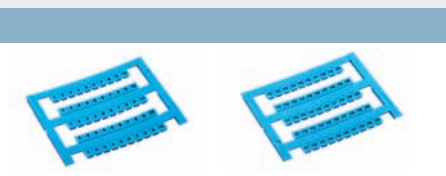
<b>SAM Single Circuit (SC) Cassette Module</b>	<ul style="list-style-type: none"> <li>• 8 cassettes for max. 4 fibers per cassette</li> <li>• crimp/shrink splice protection for a total of 32 fibers per module</li> <li>• inclusive carrier module</li> <li>• sizes: 128x144x60 mm</li> </ul> 	<b>Order no.:</b> <b>H02050A0272</b>
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<b>SAM Single Element (SE) Cassette Module</b>	<ul style="list-style-type: none"> <li>• 4 cassettes for max. 12 fibers per cassette</li> <li>• crimp/shrink splice protection for a total of 48 fibers per module</li> <li>• inclusive carrier module</li> <li>• sizes: 136x144x61 mm</li> </ul> 	<b>Order no.:</b> <b>H02050A0273</b>
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<b>SAM Fiber Management</b> <ul style="list-style-type: none"> <li>• for storing reserve cable/central loose tube</li> <li>• for micro cable or central loose tube cable</li> <li>• possible re-direction of the fiber handling</li> <li>• sizes: 170x120x23 mm</li> </ul>		<b>Order no.:</b> <b>B00045A0150</b>
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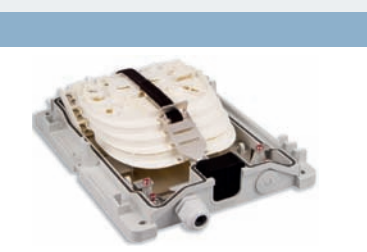
<b>SAM Assembly Retainer</b> <ul style="list-style-type: none"> <li>• optimal retention of cassettes during assembly</li> <li>• for SC and SE cassettes</li> <li>• material: aluminum</li> <li>• sizes: 78,9x30x6 mm</li> </ul>		<b>Order no.:</b> <b>B06014A0057</b>
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<b>SAM Cover</b> <ul style="list-style-type: none"> <li>• to protect the splice cassettes from dust and dirt ingress</li> <li>• can be slid onto cassette – no tools required</li> <li>• transparent for easy fiber identification</li> <li>• sizes: 140x97x0,5 mm</li> <li>• packing unit: 4 pieces</li> </ul>		<b>Order no.:</b> <b>B00015A0012</b>
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<b>SAM Numbering Clips</b> <ul style="list-style-type: none"> <li>• for numbering the splice cassettes</li> <li>• splice cassette can accommodate 2 clips</li> <li>• numbering available from 1-10 and 11-20; color: blue</li> <li>• packing unit: 1 mat with 200 clips</li> </ul>		<b>Order no.:</b> 1-10: <b>B00115A0005</b> 11-20: <b>B00115A0006</b>
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<b>Crimp/Shrink Splice Protector</b> <ul style="list-style-type: none"> <li>• suitable for SC and SE cassette</li> <li>• SC cassette can accommodate 4 crimp/micro/shrink splice protector</li> <li>• SE cassette can accommodate 12 crimp/micro/shrink splice protector</li> <li>• crimp splice protector system Telekom</li> <li>• shrink splice protector available in different lengths</li> </ul>		<b>Order no.:</b> <b>F08000A0003</b> (crimp) <b>F08000A0014</b> (crimp) <b>F08000A0010</b> (shrink; L=45 mm) <b>F08000A0011</b> (shrink; L=60 mm) <b>F08000A0017</b> (micro shrink)
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<b>SAM - ODB 54 equipped with SC Cassette Module</b> <ul style="list-style-type: none"> <li>• ODB 54 equipped with 8 cassettes for max. 4 fibers per cassette</li> <li>• can accommodate a total of 32 fibers</li> <li>• splice cassettes for crimp/micro/shrink splice protection</li> <li>• protection class ODB 54 according to IEC60529: IP54</li> <li>• housing color: light gray, RAL 7035</li> <li>• sizes ODB 54: 250x200x56 mm</li> </ul>		<b>Order no.:</b> <b>H02050A0282</b>
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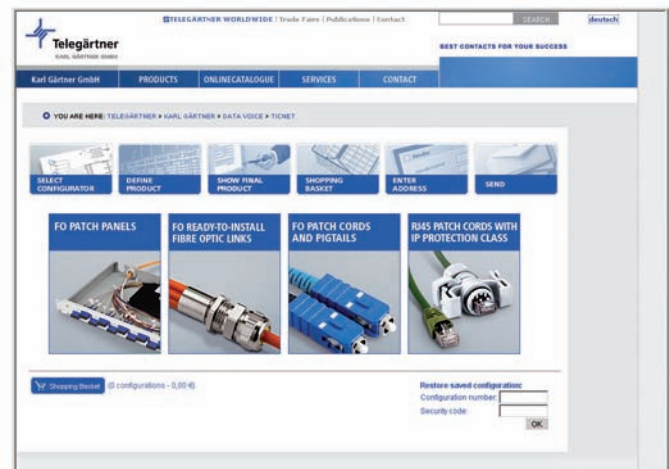
<b>SAM - ODB 54 equipped with SE Cassette Module</b> <ul style="list-style-type: none"> <li>• ODB 54 equipped with 4 cassettes for max. 12 fibers per cassette</li> <li>• can accommodate a total of 48 fibers</li> <li>• splice cassettes for crimp/micro/shrink splice protection</li> <li>• protection class ODB 54 according to IEC60529: IP54</li> <li>• housing color: light gray, RAL 7035</li> <li>• sizes ODB 54: 250x200x56 mm</li> </ul>		<b>Order no.:</b> <b>H02050A0283</b>
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## Designed to make things simpler for pre-assembled solutions: the TICNET configurator

The TICNET configurator is a convenient and quick way of ordering preassembled cabling components from the factory. Just follow six simple steps to order the product you need:

- 1 Select Type of product
- 2 Define product
- 3 Check final product
- 4 Add product to shopping basket
- 5 Enter address details
- 6 Send inquiry

Whether you need copper or optical fiber products, cables or patch panels, solutions for office buildings, data centers, industrial facilities or home networks: the TICNET configurator service is available around the clock to inquire customised products. Naturally it is also possible to save your configurations.



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**Telegärtner**  
**Karl Gärtner GmbH**

Lerchenstr. 35  
D-71144 Steinenbronn

Telefon: +49(0) 7157/125-100  
Telefax: +49(0) 7157/125-120

E-Mail: [info@telegaertner.com](mailto:info@telegaertner.com)  
Web: [www.telegaertner.com](http://www.telegaertner.com)

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