

Modular Wall Distributor SAM

for FO Applications

The requirements for optical wall distributors with single fibre management are becoming increasingly diverse and demanding. Regardless of whether office, industrial, mobile radio and especially in FTTH cabling are concerned, solutions are needed to be able to splice and patch glass fibres reliably and individually for the network requirement.

A new variant has been added to the range of Telegärtner wall distributors. The new, modular wall distributor SAM (Splice Arranged Management) as an „all-round“ talent is the solution for future optical networks with single fibre management for SC as well as for SE cassettes.

In the wall distributors painted in RAL 7035 you can splice up to 8x4 fibres on SC cassettes or 4x12 fibres on SE cassettes. The SAM fibre management enables fibre overlengths to be laid and the 250 µ fibres to

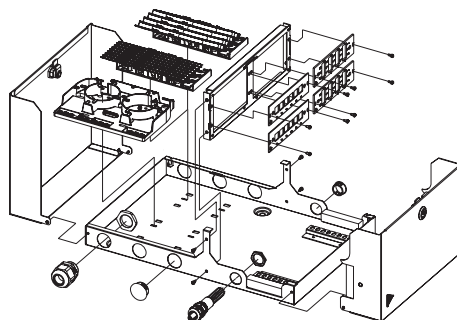
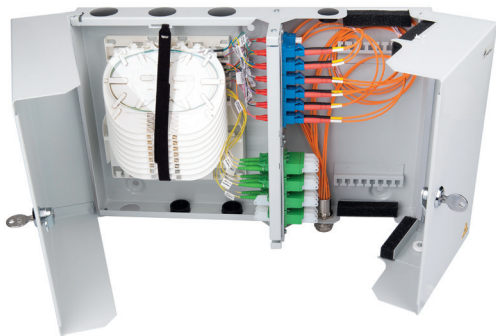
be laid safely and protected to the cassettes. Fibre optic cables with a diameter of max. 20 mm can be fixed via three cable inlets each at the top and bottom with metric screw cable glands in the housing.

Using four 3 HU/7 PU front plates, it is possible to accommodate up to 48 FO simplex or duplex adaptors of types ST, SC, E2000 or LC in the distributor. The four separate front plates also enable mixed equipping with different adaptor types or for different fibre types. The housing has two removable doors with different closures so that the splicing area can be protected against possible unauthorised access.

The FO patch cables or pre-assembled TICNET lines can be fed out of the housing at either top or bottom. Foam rubber strips prevent foreign bodies from penetrating the housing.

Technical Data

Housing	Steel sheet 1 mm, powder-laminated, light grey RAL 7035
Dimension	390 x 260 x 100 mm
Cable entry	M25x1,5 for cable diameter 6 – 20 mm
Distribution plates	4 x 3 HU/7 PU, aluminium anodized for ST, SC, E2000, SC Duplex, LC Duplex



Order no.	Description	Remarks
H02050A0302	Modular FO Wall Distributor SAM-SC	Housing with 2 swivel doors, separately lockable, each three cable entries on top/bottom for M25; with 8 SC cassettes
H02050A0303	Modular FO Wall Distributor SAM-SE	Housing with 2 swivel doors, separately lockable, each three cable entries on top/bottom for M25; with 4 SE cassettes

Order no.	Description	Type
H02024A8100	front plate 3 HU/7 PU	6x SC, ST/SC
H02024A8101	front plate 3 HU/7 PU	6x SC Duplex; 6x ST/SC Duplex
H02024A8111	front plate 3 HU/7 PU	12x ST
H02024A8334	front plate 3 HU/7 PU	12x E2000
H02024A8105	front plate 3 HU/7 PU	6x LC Duplex
H02024A8125	front plate 3 HU/7 PU	12x LC Duplex
H02023A8002	dummy plate 3 HU/7 PU	