BEST CONTACTS FOR YOUR SUCCESS

Telegärtner
KARL GÄRTNER GMBH

NETWORKING COMPONENTS

COAXIAL CONNECTORS

CABLE ASSEMBLIES

PRECISION TURNED PARTS

PLASTIC INJECTION MOULD PARTS

INDUSTRIAL ELECTRONICS

DataVoice

STX Mounting Rail Distributor Modular

Modular Fiber Optic Mounting Rail Distributor.

Far too often users install distributors that are far oversized for the current application. This happens either to allow future network expansions or just because there is no solution available that really fits. Telegärtner's new modular distributor can precisely be adapted to the current needs and grows with the network as it can be expanded very flexibly in the running network, saving a lot of money.

The vast product portfolio contains rail mount modules for 12 and 24 fibers with ST, SC and LC adaptors for multimode OM1 to OM4 and singlemode OS2 fibers. These modules are available for breakout/mini-breakout cables, for pre-terminated ca-

ble assemblies and also with an integrated hinged Telekom splice cassette, pre-loaded with pigtails that are already stripped ready to be spliced. The adaptors are mounted at a 45 degree angle for optimum patching even with a minimum of space available.

The stackable, compact modules of 35 x 215 x 155 mm offer large fiber slack storage. Cables can enter the modules from the top, bottom, behind top and behind bottom and can be chosen on-site. The modules can be installed on DIN 60715 T35 mounting rails as well as on the wall.

Features and Benefits:

- Grow on demand thanks to modular concept
- Space-saving design with modules sized 35 x 215 x 155 mm
- Four different cable entries (top, bottom, top behind, bottom behind) for individual cable routing per module
- Four knockouts for individual cable entries can be opened on site
- Standardized M20 cable gland
- Huge variety of different fiber optic modules for breakout/mini-breakout/pre-terminated cables and with integrated splice cassette and pre-installed pigtails stripped ready-to-splice
- Modules for 12 and 24 fibers
- Fiber types multimode OM1 to OM4 and singlemode OS2
- Front plates with ST, SC duplex, LC duplex and LC Quad adapters

- Couplers installed at a 45 degree angle for optimum patch cord routing
- Integrated fiber bend radius support
- Hinged splice cassette "System Telekom" for easy access and comfortable working
- Crimp, heat shrink and micro heat shrink splice protectors can be mixed in the same splice cassette
- All pigtails are tested individually
- Large fiber slack storage
- DIN rail mounting (TH35 according to DIN 60715) and wall-mounting possible
- No tools needed to add modules
- Housing made of durable plastic, protection class IP30 for indoor applications
- Temperature range from -5 to +55 °C
- Customer-specific solutions available on request

No need for special tools to stack and lock modules

Couplers installed at a 45° angle for optimum patch cord routing

Housing made of durable plastic
Size: 35 x 215 x 155 mm
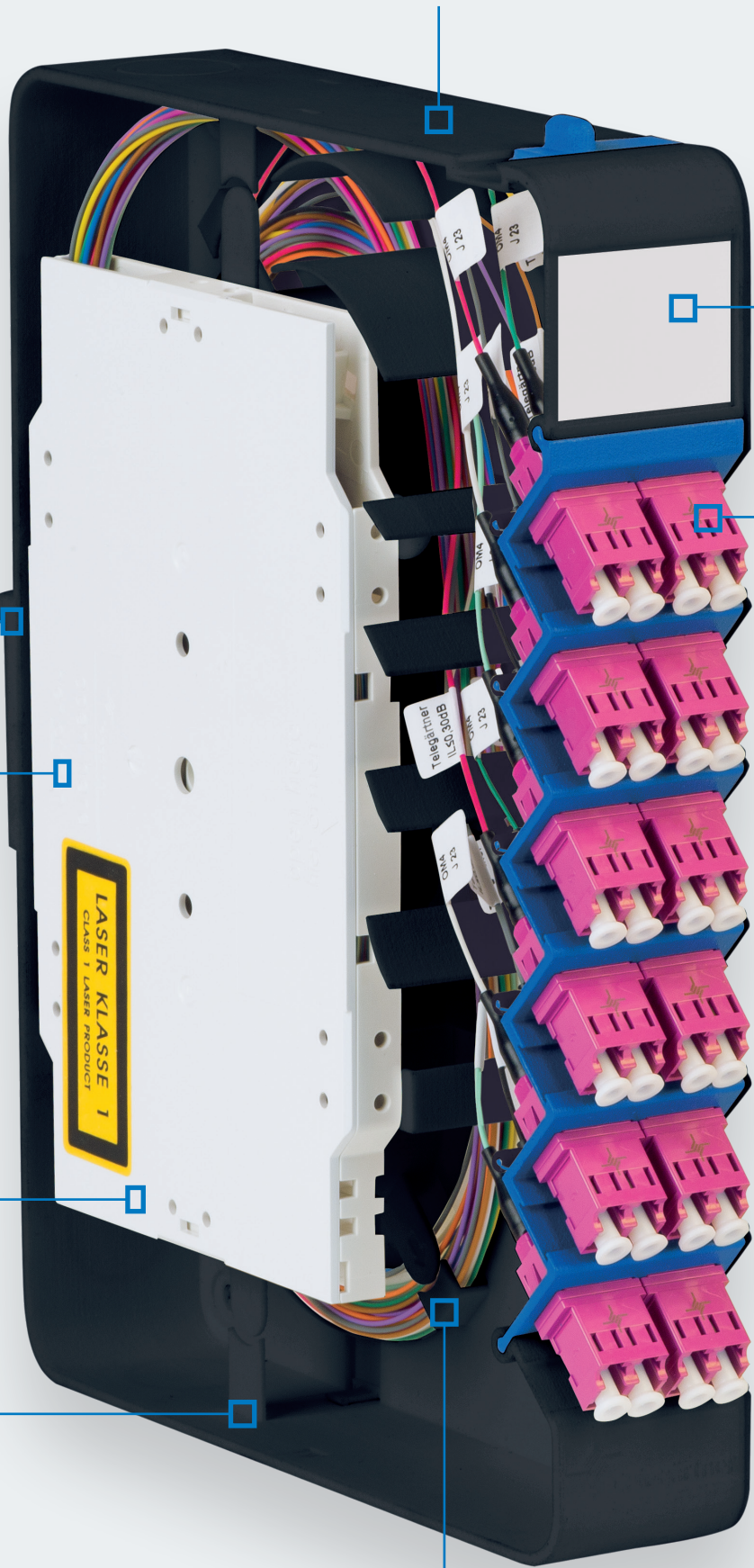
Labeled individually

DIN rail mounting (TH35)

Front plates
with adaptors
ST, SC Duplex,
LC Duplex, LC Quad

Splice cassette accepts crimp, heat shrink and micro heat shrink splice protectors

LASER KLASSE 1
CLASS 1 LASER PRODUCT

Hinged splice cassette
with stripped ready-
to-splice pigtails

Large fiber slack storage

Integrated fiber bend radius support

Modules with adaptors

For breakout and mini-breakout cables as well as for pre-terminated cables (TICNET).
Comes with one M20 cable gland for cables with an outer diameter of 5 − 9 mm.
Colour: Anthracite grey (similar to RAL 7016), front plates blue (similar to RAL 5017).
Please note: When configuring ready-to-install fiber optic links with the TICNET configurator, please select a uniform length of 0.7 m
for all cable legs to ensure optimum cable routing.

Order no.	Description	Remarks
H82050A2001	Modular STX Mounting Rail Distributor 6x SC-D SM blue	Module with 6x SC duplex adaptors, blue, for singlemode
H82050M2001	Modular STX Mounting Rail Distributor 6x SC-D MM beige	Module with 6x SC duplex adaptors, beige, for multimode OM1 and OM2
H82050T2001	Modular STX Mounting Rail Distributor 6x SC-D MM aqua	Module with 6x SC duplex adaptors, aqua, for multimode OM3
H82050N2001	Modular STX Mounting Rail Distributor 6x SC-D MM violet	Module with 6x SC duplex adaptors, violet, for multimode OM4
H82050A2002	Modular STX Mounting Rail Distributor 6x LC-D SM blue	Module with 6x LC duplex adaptors, blue, for singlemode
H82050M2002	Modular STX Mounting Rail Distributor 6x LC-D MM beige	Module with 6x LC duplex adaptors, beige, for multimode OM1 and OM2
H82050T2002	Modular STX Mounting Rail Distributor 6x LC-D MM aqua	Module with 6x LC duplex adaptors, aqua, for multimode OM3
H82050N2002	Modular STX Mounting Rail Distributor 6x LC-D MM violet	Module with 6x LC duplex adaptors, violet, for multimode OM4
H82050A2003	Modular STX Mounting Rail Distributor 12x LC-D SM blue	Module with 12x LC duplex adaptors, blue, for singlemode
H82050M2003	Modular STX Mounting Rail Distributor 12x LC-D MM beige	Module with 12x LC duplex adaptors, beige, for multimode OM1 and OM2
H82050T2003	Modular STX Mounting Rail Distributor 12x LC-D MM aqua	Module with 12x LC duplex adaptors, aqua, for multimode OM3
H82050N2003	Modular STX Mounting Rail Distributor 12x LC-D MM violet	Module with 12x LC duplex adaptors, violet, for multimode OM4
H82050A2004	Modular STX Mounting Rail Distributor 6x LC-Q SM blue	Module with 6x LC Quad adaptors, blue, for singlemode
H82050M2004	Modular STX Mounting Rail Distributor 6x LC-Q MM beige	Module with 6x LC Quad adaptors, beige, for multimode OM1 and OM2
H82050T2004	Modular STX Mounting Rail Distributor 6x LC-Q MM aqua	Module with 6x LC Quad adaptors, aqua, for multimode OM3
H82050N2004	Modular STX Mounting Rail Distributor 6x LC-Q MM violet	Module with 6x LC Quad adaptors, violet, for multimode OM4

Side panels

For the completion of an individual module or a row of modules.
Colour: Anthracite grey (similar to RAL 7016).

Order no.	Description	Remarks
H06011A0022	Modular STX Mounting Rail Distributor set of side panels	Set of right and left side panel

Accessories

For individual module configurations and for reliable and tight cable entry.

Order no.	Description	Remarks
F08000A0002	Splice holder for up to 12x crimp or micro heat shrink splice protectors	One splice cassette accepts up to two splice holders
F08000A0008	Splice holder for up to 6x heat shrink splice protectors	One splice cassette accepts up to two splice holders
F08000A0003	Crimp splice protector	System Telekom
F08000A0014	Crimp splice protector	System Telekom, pack of 150 ea.
F08000A0017	Micro heat shrink splice protector	Ø 1.3 mm, L = 30 mm
F08000A0010	Heat shrink splice protector	Ø 3 mm, L = 45 mm
F08000A0011	Heat shrink splice protector	Ø 3 mm, L = 60 mm
H01011A0037	M20 cable gland for cables with an outer diameter of 5 − 9 mm	Polyamide PA6, grey
H01012A0044	M20 cable gland for cables with an outer diameter of 9 − 13 mm	Polyamide PA6, grey
B00012A0046	Blank insert for M20 hole	Plastic, black

Modules with splice cassette, pigtails and adaptors

For loose tube cables, with integrated splice cassette; pre-installed pigtails stripped ready-to-splice included.
Comes with one M20 cable gland for cables with an outer diameter of 5 – 9 mm.
Colour: Anthracite grey (similar to RAL 7016), front plates blue (similar to RAL 5017).
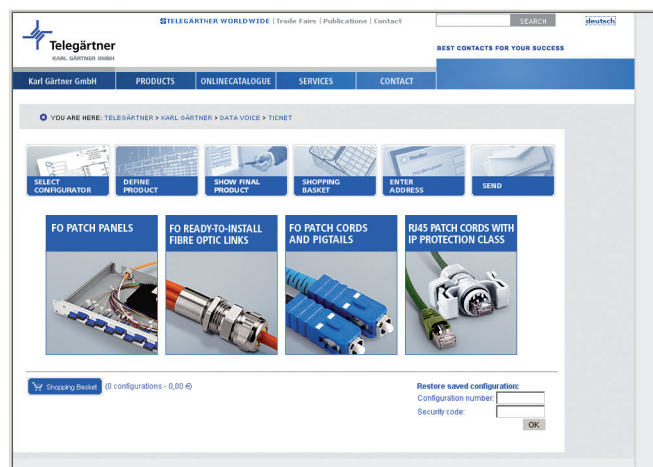Please order splice holders and splice protectors separately.

Order no.	Description	Remarks
H82050E2001	Modular STX Mounting Rail Distributor 6x SC-D + 12 PT OS2	Module with 6x SC duplex adaptors, blue, and 12x pigtail singlemode E9/125 OS2 SC
H82050C2001	Modular STX Mounting Rail Distributor 6x SC-D + 12 PT OM1	Module with 6x SC duplex adaptors, beige, and 12x pigtail multimode G62,5/125 OM1 SC
H82050F2001	Modular STX Mounting Rail Distributor 6x SC-D + 12 PT OM2	Module with 6x SC duplex adaptors, beige, and 12x pigtail multimode G50/125 OM2 SC
H82050K2001	Modular STX Mounting Rail Distributor 6x SC-D + 12 PT OM3	Module with 6x SC duplex adaptors, aqua, and 12x pigtail multimode G50/125 OM3 SC
H82050H2001	Modular STX Mounting Rail Distributor 6x SC-D + 12 PT OM4	Module with 6x SC duplex adaptors, violet, and 12x pigtail multimode G50/125 OM4 SC
H82050E2005	Modular STX Mounting Rail Distributor 6x ST-D/SC-D + 12 PT OS2	Module with 6x ST duplex adaptors, blue, and 12x pigtail singlemode E9/125 OS2 SC
H82050C2005	Modular STX Mounting Rail Distributor 6x ST-D/SC-D + 12 PT OM1	Module with 6x ST duplex adaptors, beige, and 12x pigtail multimode G62,5/125 OM1 SC
H82050F2005	Modular STX Mounting Rail Distributor 6x ST-D/SC-D + 12 PT OM2	Module with 6x ST duplex adaptors, beige, and 12x pigtail multimode G50/125 OM2 SC
H82050E2002	Modular STX Mounting Rail Distributor 6x LC-D + 12 PT OS2	Module with 6x LC duplex adaptors, blue, and 12x pigtail singlemode E9/125 OS2 LC
H82050C2002	Modular STX Mounting Rail Distributor 6x LC-D + 12 PT OM1	Module with 6x LC duplex adaptors, beige, and 12x pigtail multimode G62,5/125 OM1 LC
H82050F2002	Modular STX Mounting Rail Distributor 6x LC-D + 12 PT OM2	Module with 6x LC duplex adaptors, beige, and 12x pigtail multimode G50/125 OM2 LC
H82050K2002	Modular STX Mounting Rail Distributor 6x LC-D + 12 PT OM3	Module with 6x LC duplex adaptors, aqua, and 12x pigtail multimode G50/125 OM3 LC
H82050H2002	Modular STX Mounting Rail Distributor 6x LC-D + 12 PT OM4	Module with 6x LC duplex adaptors, violet, and 12x pigtail multimode G50/125 OM4 LC
H82050E2003	Modular STX Mounting Rail Distributor 12x LC-D + 24 PT OS2	Module with 12x LC duplex adaptors, blue, and 24x pigtail singlemode E9/125 OS2 LC
H82050C2003	Modular STX Mounting Rail Distributor 12x LC-D + 24 PT OM1	Module with 12x LC duplex adaptors, beige, and 24x pigtail multimode G62,5/125 OM1 LC
H82050F2003	Modular STX Mounting Rail Distributor 12x LC-D + 24 PT OM2	Module with 12x LC duplex adaptors, beige, and 24x pigtail multimode G50/125 OM2 LC
H82050K2003	Modular STX Mounting Rail Distributor 12x LC-D + 24 PT OM3	Module with 12x LC duplex adaptors, aqua, and 24x pigtail multimode G50/125 OM3 LC
H82050H2003	Modular STX Mounting Rail Distributor 12x LC-D + 24 PT OM4	Module with 12x LC duplex adaptors, violet, and 24x pigtail multimode G50/125 OM4 LC
H82050E2004	Modular STX Mounting Rail Distributor 6x LC-Q + 24 PT OS2	Module with 6x LC Quad adaptors, blue, and 24x pigtail singlemode E9/125 OS2 LC
H82050C2004	Modular STX Mounting Rail Distributor 6x LC-Q + 24 PT OM1	Module with 6x LC Quad, beige, and 24x pigtail multimode G62,5/125 OM1 LC
H82050F2004	Modular STX Mounting Rail Distributor 6x LC-Q + 24 PT OM2	Module with 6x LC Quad, beige, and 24x pigtail multimode G50/125 OM2 LC
H82050K2004	Modular STX Mounting Rail Distributor 6x LC-Q + 24 PT OM3	Module with 6x LC Quad adaptors, aqua, and 24x pigtail multimode G50/125 OM3 LC
H82050H2004	Modular STX Mounting Rail Distributor 6x LC-Q + 24 PT OM4	Module with 6x LC Quad adaptors, violet, and 24x pigtail multimode G50/125 OM4 LC

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.

Easy, quick and reliable: that's Telegärtner
www.telegaertner.com/ticnet