FLine® and FLine® smart – multifunctional housing engineering

FLine® and FLine® smart patch and splice housings can be used in all areas of in-house data cabling. The components are designed in such a way that speed and reliability are ensured in initial installation, maintenance and extensions.

FLine® patch and splice housings

A replaceable cable entry on the back offers the user all the freedom he requires during installation, no matter whether a straight cable entry, a 45° angled entry or breakout cable support is required. These parts can be replaced easily on location.

FLine® smart patch and splice housings

FLine® smart panel engineering differs in design due to a prespecified straight cable and distribution head entry (VKT). Here it is possible to mount up to four PG glands or two distribution heads.

Facts which guarantee rapid and reliable initial installation:

General

- Standard versions of the housings are available as 1 or 2 U
- The front panel is light grey, RAL 7035.
- One U can be equipped with up to 24 x SC-Duplex, 24 x LC-Duplex, 24 x MT_RJ, 24 x E 2,000, 24 x ST, 24 x FC couplings
- The body of the housing is made of aluminium, ensuring low weight
- Exchangeable front panels to accommodate all usual fibre optic couplings
- The couplings are premounted
- The admissible bending radii and the ease of assembly are observed even at high packing densities
- A telescopic extension makes the connecting components easy to access for the purposes of measurements and maintenance work

Splice housings

- Splice cassettes with pigtails already included
- The wires in the splice cassette are ready for splicing
- Pigtails are coloured (primary and secondary coating) according to the DIN IEC 60304 colour code
- The pigtails are marked (primary and secondary coating) according to the DIN IEC 60304 colour code. The result is rapid, safe assembly as it is no longer necessary to mark the individual pigtails

Patch housings

- The strain relief of the distribution head is based on fixing the distribution head into a V groove immediately on the housing. This means that no other complicated fixing measures are required for the distribution head on the housing
- The distribution head of the ready-made trunk is secured on the housing to prevent twisting

FLine® patch/splice housing, telescopic

FLine® splice housing

FLine® patch housing

FLine® breakout housing

19" housing, 1 / 2 U

Characteristics:
- Installation of a maximum of 2 fibre optic cables with a maximum total of 48 fibres
- Body of housing made of aluminium, exchangeable front panel made of sheet steel
- Telescopic, extension depth at least 300 mm
- Colour of front panel: light grey, RAL 7035
- Cable entry at an angle of 45° for better cable management
- Strain relief for the ready-made distribution head on the housing or PG gland for cable entries
- Dust protection
- Splice cassette with coloured pigtails, Gigabit Ethernet fibres (MM)
  Pigtail colour code:
  E9...10/125 according to DIN IEC 60304
  G50/125 according to DIN IEC 60304 G62,5/125 green
- Pigtails already inserted into splice cassette, splice protector
- Height: 44 mm (1 U)
  Width: 483 mm (19")
  Depth: 284 mm
  Weight: 2.4 kg
- Screen-printed markings: Channel 1-12 / 1-24, A/B coding with SC/ST/FC components

Components:
- Available with up to 24 slots or without components
- The following couplings can be used:
  SC-Duplex/SC-Duplex
  FC-PC, FC-PC(HRL) (SM)
  ST/ST
  E2,000/E2,000
  E2,000HRL/E2,000HRL (SM)
  MT-RJ/MT-RJ (MM)
  LC-Duplex

Accessories:
- Blind plug for front panel, Splice protector (maximum of 12 pcs. in one splice cassette)

FLine® splice housing, telescopic

Single-mode standard: insertion losses: < 0.4 dB; return losses: > 40 dB

No. of Fibres	SC-DX (Met/Cer)	ST (Met/Cer)	E2,000 (Plastic/Cer)	E2,000HRL (Plastic/Cer)	FC-PC (Met/Cer)	FC-PC HRL (Met/Cer)
4	9FX90204	9FX90223	9FX90232	9FX90236	9FX90240	9FX90245
8	9FX90404	9FX90423	9FX90432	9FX90436	9FX90440	9FX90445
12	9FX90604	9FX90623	9FX90632	9FX90636	9FX90640	9FX90645
24	9FX91204	9FX91223	9FX91232	9FX91236	9FX91240	9FX91245
48	9FX92404*	9FX92423*	9FX92432*	9FX92436*	9FX92440*	9FX92445*

FLine® 110, Multimode G50/125 OM2: insertion losses: < 0.4 dB; return losses: > 25 dB

No. of Fibres	SC-DX (Met/Cer)	SC-DX (Plastic/Cer)	ST (Met/Cer)	E2,000 (Plastic/Cer)	MT-RJ (Plastic)	LC-DX (Plastic/Cer)
4	9FX50204	9FX50203	9FX50223	9FX50232	9FX50237	9FX50255
8	9FX50404	9FX50403	9FX50423	9FX50432	9FX50437	9FX50455
12	9FX50604	9FX50603	9FX50623	9FX50632	9FX50637	9FX50655
24	9FX51204	9FX51203	9FX51223	9FX51232	9FX51237	9FX51255
48	9FX52404*	9FX52403*	9FX52423*	9FX52432*	9FX52437	9FX52455

FLine® 300, Multimode G50/125 OM3: insertion losses: < 0.2 dB; return losses: > 35 dB

No. of Fibres	SC-DX (Met/Cer)	SC-DX (Plastic/Cer)	ST (Met/Cer)	E2,000 (Plastic/Cer)	MT-RJ (Plastic)	LC-DX (Plastic/Cer)
4	9FXB0204	–	–	–	–	9FXB0255
8	9FXB0404	–	–	–	–	9FXB0455
12	9FXB0604	–	–	–	–	9FXB0655
24	9FXB1204	–	–	–	–	9FXB1255
48	9FXB2404*	–	–	–	–	9FXB2455

FLine® 550, Multimode G50/125 OM3 "e": insertion losses: < 0.2 dB; return losses: > 35 dB

No. of Fibres	SC-DX (Met/Cer)	SC-DX (Plastic/Cer)	ST (Met/Cer)	E2,000 (Plastic/Cer)	MT-RJ (Plastic)	LC-DX (Plastic/Cer)
4	9FXD0204	–	–	–	–	9FXD0255
8	9FXD0404	–	–	–	–	9FXD0455
12	9FXD0604	–	–	–	–	9FXD0655
24	9FXD1204	–	–	–	–	9FXD1255
48	9FXD2404*	–	–	–	–	9FXD2455

Multimode G62,5/125 OM1, Standard: insertion losses: < 0.4 dB; return losses: > 25 dB

No. of Fibres	SC-DX (Met/Cer)	SC-DX (Plastic/Cer)	ST (Met/Cer)	E2,000 (Plastic/Cer)	MT-RJ (Plastic)	LC-DX (Plastic/Cer)
4	9FX60204	9FX60203	9FX60223	9FX60232	9FX60237	9FX60255
8	9FX60404	9FX60403	9FX60423	9FX60432	9FX60437	9FX60455
12	9FX60604	9FX60603	9FX60623	9FX60632	9FX60637	9FX60655
24	9FX61204	9FX61203	9FX61223	9FX61232	9FX61237	9FX61255
48	9FX62404*	9FX62403*	9FX62423*	9FX62432*	9FX62437	9FX62455

*2U version, other or hybrid versions available on request
Included in delivery: mounting, splice box(es) with cover, splice protector with holder, 1xPG16 gland, pigtails marked (primary and secondary coating) and plugged into couplings ready for splicing, possibly with blind plugs

All the necessary PLANNING DOCUMENTS are available in the Internet: **www.kerpen.com**

Subject to printing errors, mistakes and technical changes.

FLine® housing

FLine® distribution panel, telescopic

Single-mode-standard

No. of Fibres	SC-DX (Met/Cer)	ST (Met/Cer)	E2,000 (Plastic/Cer)	E2,000HRL (Plastic/Cer)	FC-PC (Met/Cer)	FC-PC HRL (Met/Cer)
4	9FV90204	9FV90223	9FV90232	9FV90236	9FV90240	9FV90245
8	9FV90404	9FV90423	9FV90432	9FV90436	9FV90440	9FV90445
12	9FV90604	9FV90623	9FV90632	9FV90636	9FV90640	9FV90645
24	9FV91204	9FV91223	9FV91232	9FV91236	9FV91240	9FV91245
48	9FV92404*	9FV92423*	9FV92432*	9FV92436*	9FV92440*	9FV92445*

FLine® 110, FLine® 300, FLine® 550, Multimode-G50, G62.5

No. of Fibres	SC-DX (Met/Cer)	SC-DX (Plastic/Cer)	ST (Met/Cer)	E2,000 (Plastic/Cer)	MT-RJ (Plastic)	LC-DX (Plastic/Cer)
4	9FV90204	9FVM0203	9FV90223	9FVM0232	9FVM0237	9FVM0255
8	9FV90404	9FVM0403	9FV90423	9FVM0432	9FVM0437	9FVM0455
12	9FV90604	9FVM0603	9FV90623	9FVM0632	9FVM0637	9FVM0655
24	9FV91204	9FVM1203	9FV91223	9FVM1232	9FVM1237	9FVM1255
48	9FV92404*	9FVM2403*	9FV92423*	9FVM2432*	9FVM2437	9FVM2455

*2U version, other or hybrid versions available on request
Included in delivery: mounting, 1 ready-made holder, possibly with blind plugs

Subject to printing errors, mistakes and technical changes.

FLine® patch/splice housing, fixed

19" housing, 1 / 2 U

Characteristics:
- Installation of a maximum of 2 fibre optic cables with a maximum total of 48 fibres
- Body of housing made of aluminium, exchangeable front panel made of sheet steel
- Colour of front panel: light grey, RAL 7035
- Cable entry at 45° angle for better cable management
- Strain relief for the ready-made distribution head on the housing or PG gland for cable entries
- Dust protection
- Splice cassette with coloured pigtails, Gigabit Ethernet fibres (MM)
- Pigtail colour code:
  E9...10/125 according to DIN IEC 60304
  G50/125 according to DIN IEC 60304
  G62.5/125 green
- Pigtails already inserted into splice cassette, splice protector

- Height: 44 mm (1 U)
  Width: 483 mm (19")
  Depth: 240 mm
  Weight: 1.2 kg
- Screen-printed markings: Channel 1-12 / 1-24, A/B coding with SC/ST/FC components

Components:
- Available with up to 24 slots or without components
- The following couplings can be used:
  SC-Duplex/SC-Duplex
  FC-PC, FC-PC(HRL) (SM)
  ST/ST
  E2,000/E2,000
  E2,000HRL/E2,000HRL (SM)
  MT-RJ/MT-RJ (MM)
  LC-Duplex

Accessories:
- Blind plug for front panel, splice protector (maximum of 12 pcs. in one splice cassette)

FLine® patch housing, fixed

Single-mode standard:

No. of Fibres	SC-DX (Met/Cer)	ST (Met/Cer)	E2,000 (Plastic/Cer)	E2,000HRL (Plastic/Cer)	FC-PC (Met/Cer)	FC-PC HRL (Met/Cer)
4	9FW90204	9FW90223	9FW90232	9FW90236	9FW90240	9FW90245
8	9FW90404	9FW90423	9FW90432	9FW90436	9FW90440	9FW90445
12	9FW90604	9FW90623	9FW90632	9FW90636	9FW90640	9FW90645
24	9FW91204	9FW91223	9FW91232	9FW91236	9FW91240	9FW91245
48	9FW92404*	9FW92423*	9FW92432*	9FW92436*	9FW92440*	9FW92445*

FLine® 110, FLine® 300, FLine® 550, Multimode-G50, G62.5

No. of Fibres	SC-DX (Met/Cer)	SC-DX (Plastic/Cer)	ST (Met/Cer)	E2,000 (Plastic/Cer)	MT-RJ (Plastic)	LC-DX (Plastic/Cer)
4	9FW90204	9FWM0203	9FW90223	9FWM0232	9FWM0237	9FWM0255
8	9FW90404	9FWM0403	9FW90423	9FWM0432	9FWM0437	9FWM0455
12	9FW90604	9FWM0603	9FW90623	9FWM0632	9FWM0637	9FWM0655
24	9FW91204	9FWM1203	9FW91223	9FWM1232	9FWM1237	9FWM1255
48	9FW92404*	9FWM2403*	9FW92423*	9FWM2432*	9FWM2437	9FWM2455

*2U version, other or hybrid versions available on request
Included in delivery: mounting, 1 ready-made holder, possibly with blind plugs

FLine® splice housing, fixed

Single-mode E9..10/125, insertion losses: < 0.4 dB; return losses: > 40 dB

No. of Fibres	SC-DX (Met/Cer)	ST (Met/Cer)	E2,000 (Plastic/Cer)	E2,000HRL (Plastic/Cer)	FC-PC (Met/Cer)	FC-PC HRL (Met/Cer)
4	9FY90204	9FY90223	9FY90232	9FY90236	9FY90240	9FY90245
8	9FY90404	9FY90423	9FY90432	9FY90436	9FY90440	9FY90445
12	9FY90604	9FY90623	9FY90632	9FY90636	9FY90640	9FY90645
24	9FY91204	9FY91223	9FY91232	9FY91236	9FY91240	9FY91245
48	9FY92404*	9FY92423*	9FY92432*	9FY92436*	9FY92440*	9FY92445*

FLine® 110, Multimode G50/125 OM2: insertion losses: < 0.4 dB; return losses: > 25 dB

No. of Fibres	SC-DX (Met/Cer)	SC-DX (Plastic/Cer)	ST (Met/Cer)	E2,000 (Plastic/Cer)	MT-RJ (Plastic)	LC-DX (Plastic/Cer)
4	9FY50204	9FY50203	9FY50223	9FY50232	9FY50237	9FY50255
8	9FY50404	9FY50403	9FY50423	9FY50432	9FY50437	9FY50455
12	9FY50604	9FY50603	9FY50623	9FY50632	9FY50637	9FY50655
24	9FY51204	9FY51203	9FY51223	9FY51232	9FY51237	9FY51255
48	9FY52404*	9FY52403*	9FY52423*	9FY52432*	9FY52437	9FY52455

FLine® 300, Multimode G50/125 OM3: insertion losses: < 0.2 dB; return losses: > 35 dB

No. of Fibres	SC-DX (Met/Cer)	SC-DX (Plastic/Cer)	ST (Met/Cer)	E2,000 (Plastic/Cer)	MT-RJ (Plastic)	LC-DX (Plastic/Cer)
4	9FYB0204	–	–	–	–	9FYB0255
8	9FYB0404	–	–	–	–	9FYB0455
12	9FYB0604	–	–	–	–	9FYB0655
24	9FYB1204	–	–	–	–	9FYB1255
48	9FYB2404*	–	–	–	–	9FYB2455

FLine® 550, Multimode G50/125 OM3 "e": insertion losses: < 0.2 dB; return losses: > 35 dB

No. of Fibres	SC-DX (Met/Cer)	SC-DX (Plastic/Cer)	ST (Met/Cer)	E2,000 (Plastic/Cer)	MT-RJ (Plastic)	LC-DX (Plastic/Cer)
4	9FYD0204	–	–	–	–	9FYD0255
8	9FYD0404	–	–	–	–	9FYD0455
12	9FYD0604	–	–	–	–	9FYD0655
24	9FYD1204	–	–	–	–	9FYD1255
48	9FYD2404*	–	–	–	–	9FYD2455

Multimode G62,5/125 OM1, standard: insertion losses: < 0.4 dB; return losses: > 25 dB

No. of Fibres	SC-DX (Met/Cer)	SC-DX (Plastic/Cer)	ST (Met/Cer)	E2,000 (Plastic/Cer)	MT-RJ (Plastic)	LC-DX (Plastic/Cer)
4	9FY60204	9FY60203	9FY60223	9FY60232	9FY60237	9FY60255
8	9FY60404	9FY60403	9FY60423	9FY60432	9FY60437	9FY60455
12	9FY60604	9FY60603	9FY60623	9FY60632	9FY60637	9FY60655
24	9FY61204	9FY61203	9FY61223	9FY61232	9FY61237	9FY61255
48	9FY62404*	9FY62403*	9FY62423*	9FY62432*	9FY62437	9FY62455

*Model with 2 U; other or mixed designs available on request
Included in delivery: assembly, splice cassette(s) with cover, splice protector with holder, 1xPG16 gland,
pigtails marked and plugged into couplings ready for splicing, possibly blind plugs.

Subject to printing errors, mistakes and technical changes.

FLine® patch/splice housing smart, telescopic

19" housing, 1 / 2 U

Characteristics:
- Installation of a maximum of 2 fibre optic cables with a maximum total of 48 fibres
- Body of housing made of aluminium, exchangeable front panel made of sheet steel
- Telescopic extension, extension depth at least 300 mm
- Colour of front panel: grey, RAL 7035
- Strain relief for the ready made distribution head on the housing or PG gland for cable entries
- Dust protection
- Splice cassette with coloured pigtails, Gigabit Ethernet fibres (MM)
- Pigtail colour code:
  - E9...10/125 according to DIN IEC 60304
  - G50/125 according to DIN IEC 60304
  - G62.5/125 green
- Pigtails already inserted into splice cassette, splice protector
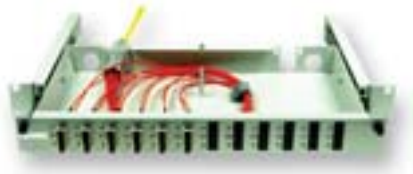
- Height: 44 mm (1 U)
  - Width: 483 mm (19")
  - Depth: 282 mm
  - Weight: 2.4 kg
- Screen-printed markings: Channel 1-12 / 1-24, A/B coding with SC/ST/FC components

Components:
- Available with up to 24 slots or without components
- The following couplings can be used:
  - SC-Duplex/SC-Duplex
  - FC-PC, FC-PC(HRL) (SM)
  - ST/ST
  - E2,000/E2,000
  - E2,000HRL/E2,000HRL (SM)
  - MT-RJ/MT-RJ (MM)
  - LC-Duplex

Accessories:
- Blind plug for front panel, splice protector (maximum of 12 pcs. in one splice cassette)

FLine® patch/splice housing, telescopic

Single-mode standard:

No. of Fibres	SC-DX (Met/Cer)	ST (Met/Cer)	E2,000 (Plastic/Cer)	E2,000HRL (Plastic/Cer)	FC-PC (Met/Cer)	FC-PC HRL (Met/Cer)
4	9FF90204	9FF90223	9FF90232	9FF90236	9FF90240	9FF90245
8	9FF90404	9FF90423	9FF90432	9FF90436	9FF90440	9FF90445
12	9FF90604	9FF90623	9FF90632	9FF90636	9FF90640	9FF90645
24	9FF91204	9FF91223	9FF91232	9FF91236	9FF91240	9FF91245
48	9FF92404*	9FF92423*	9FF92432*	9FF92436*	9FF92440*	9FF92445*

FLine® 110, FLine® 300™, FLine® 550, Multimode-G50, G62.5

No. of Fibres	SC-DX (Met/Cer)	SC-DX (Plastic/Cer)	ST (Met/Cer)	E2,000 (Plastic/Cer)	MT-RJ (Plastic)	LC-DX (Plastic/Cer)
4	9FF90204	9FFM0203	9FF90223	9FFM0232	9FFM0237	9FFM0255
8	9FF90404	9FFM0403	9FF90423	9FFM0432	9FFM0437	9FFM0455
12	9FF90604	9FFM0603	9FF90623	9FFM0632	9FFM0637	9FFM0655
24	9FF91204	9FFM1203	9FF91223	9FFM1232	9FFM1237	9FFM1255
48	9FF92404*	9FFM2403*	9FF92423*	9FFM2432*	9FFM2437	9FFM2455

*Model with 2 U; other or mixed designs available on request
Included in delivery: assembly, 1 ready-made holder, possibly blind plugs.

FLine® patch/splice housing smart, telescopic

Single-mode E9..10/125, insertion losses: < 0.4 dB; return losses: > 40 dB

No. of Fibres	SC-DX (Met/Cer)	ST (Met/Cer)	E2,000 (Plastic/Cer)	E2,000HRL (Plastic/Cer)	FC-PC (Met/Cer)	FC-PC HRL (Met/Cer)
4	9FS90204	9FS90223	9FS90232	9FS90236	9FS90240	9FS90245
8	9FS90404	9FS90423	9FS90432	9FS90436	9FS90440	9FS90445
12	9FS90604	9FS90623	9FS90632	9FS90636	9FS90640	9FS90645
24	9FS91204	9FS91223	9FS91232	9FS91236	9FS91240	9FS91245
48	9FS92404*	9FS92423*	9FS92432*	9FS92436*	9FS92440*	9FS92445*

FLine® 110, Multimode G50/125 OM2:insertion losses: < 0.4 dB; return losses: > 25 dB

No. of Fibres	SC-DX (Met/Cer)	SC-DX (Plastic/Cer)	ST (Met/Cer)	E2,000 (Plastic/Cer)	MT-RJ (Plastic)	LC-DX (Plastic/Cer)
4	9FS50204	9FS50203	9FS50223	9FS50232	9FS50237	9FS50255
8	9FS50404	9FS50403	9FS50423	9FS50432	9FS50437	9FS50455
12	9FS50604	9FS50603	9FS50623	9FS50632	9FS50637	9FS50655
24	9FS51204	9FS51203	9FS51223	9FS51232	9FS51237	9FS51255
48	9FS52404*	9FS52403*	9FS52423*	9FS52432*	9FS52437	9FS52455

FLine® 300, Multimode G50/125 OM3: insertion losses: < 0.2 dB; return losses: > 35 dB

No. of Fibres	SC-DX (Met/Cer)	SC-DX (Plastic/Cer)	ST (Met/Cer)	E2,000 (Plastic/Cer)	MT-RJ (Plastic)	LC-DX (Plastic/Cer)
4	9FSB0204	–	–	–	–	9FSB0255
8	9FSB0404	–	–	–	–	9FSB0455
12	9FSB0604	–	–	–	–	9FSB0655
24	9FSB1204	–	–	–	–	9FSB1255
48	9FSB2404*	–	–	–	–	9FSB2455

FLine® 550, Multimode G50/125 OM3 "e": insertion losses: < 0.2 dB; return losses: > 35 dB

No. of Fibres	SC-DX (Met/Cer)	SC-DX (Plastic/Cer)	ST (Met/Cer)	E2,000 (Plastic/Cer)	MT-RJ (Plastic)	LC-DX (Plastic/Cer)
4	9FSD0204	–	–	–	–	9FSD0255
8	9FSD0404	–	–	–	–	9FSD0455
12	9FSD0604	–	–	–	–	9FSD0655
24	9FSD1204	–	–	–	–	9FSD1255
48	9FSD2404*	–	–	–	–	9FSD2455

Multimode G62,5/125 OM1, standard: insertion losses: < 0.4 dB; return losses: > 25 dB

No. of Fibres	SC-DX (Met/Cer)	SC-DX (Plastic/Cer)	ST (Met/Cer)	E2,000 (Plastic/Cer)	MT-RJ (Plastic)	LC-DX (Plastic/Cer)
4	9FS60204	9FS60203	9FS60223	9FS60232	9FS60237	9FS60255
8	9FS60404	9FS60403	9FS60423	9FS60432	9FS60437	9FS60455
12	9FS60604	9FS60603	9FS60623	9FS60632	9FS60637	9FS60655
24	9FS61204	9FS61203	9FS61223	9FS61232	9FS61237	9FS61255
48	9FS62404*	9FS62403*	9FS62423*	9FS62432*	9FS62437	9FS62455

*Model with 2 U; other or mixed designs available on request
Included in delivery: assembly, splice cassette(s) with cover, splice protector with holder, 1xPG16 gland,
pigtails marked and plugged into couplings ready for splicing, possibly blind plugs.

Subject to printing errors, mistakes and technical changes.

FLine (vertical, left margin)

FLine® patch/splice housing smart, fixed

19" housing, 1 / 2 U

Characteristics:
- Installation of a maximum of 2 fibre optic cables with a maximum total of 48 fibres
- Body of housing made of aluminium, exchangeable front panel made of sheet steel
- Colour of front panel: light grey ,RAL 7035
- Strain relief for the ready-made distribution head on the housing or PG gland for cable entries
- Dust protection
- Splice cassette with coloured pigtails, Gigabit Ethernet fibres (MM)
- Pigtail colour code:
  E9...10/125 according to DIN IEC 60304
  G50/125 according to DIN IEC 60304
  G62.5/125 green
- Pigtails already inserted into splice cassette, splice protector

- Height: 44 mm (1 U)
  Width: 483 mm (19")
  Depth: 240 mm
  Weight: 1.2 kg
- Screen-printed markings: Channel 1-12 / 1-24, A/B coding with SC/ST/FC components

Components:
- Available with up to 24 slots or without components
- The following couplings can be used:
  SC-Duplex/SC-Duplex
  FC-PC, FC-PC(HRL) (SM)
  ST/ST
  E2,000/E2,000
  E2,000HRL/E2,000HRL (SM)
  MT-RJ/MT-RJ (MM)
  LC-Duplex

Accessories:
- Blind plug for front panel, splice protector (maximum of 12 pcs. in one splice cassette)

FLine® patch housing smart, fixed

Single-mode standard:

No. of Fibres	SC-DX (Met/Cer)	ST (Met/Cer)	E2,000 (Plastic/Cer)	E2,000HRL (Plastic/Cer)	FC-PC (Met/Cer)	FC-PC HRL (Met/Cer)
4	9FF90204	9FF90223	9FF90232	9FF90236	9FF90240	9FF90245
8	9FF90404	9FF90423	9FF90432	9FF90436	9FF90440	9FF90445
12	9FF90604	9FF90623	9FF90632	9FF90636	9FF90640	9FF90645
24	9FF91204	9FF91223	9FF91232	9FF91236	9FF91240	9FF91245
48	9FF92404*	9FF92423*	9FF92432*	9FF92436*	9FF92440*	9FF92445*

FLine® 110, FLine® 300™, FLine® 550, Multimode-G50, G62.5

No. of Fibres	SC-DX (Met/Cer)	SC-DX (Plastic/Cer)	ST (Met/Cer)	E2,000 (Plastic/Cer)	MT-RJ (Plastic)	LC-DX (Plastic/Cer)
4	9FF90204	9FFM0203	9FF90223	9FFM0232	9FFM0237	9FFM0255
8	9FF90404	9FFM0403	9FF90423	9FFM0432	9FFM0437	9FFM0455
12	9FF90604	9FFM0603	9FF90623	9FFM0632	9FFM0637	9FFM0655
24	9FF91204	9FFM1203	9FF91223	9FFM1232	9FFM1237	9FFM1255
48	9FF92404*	9FFM2403*	9FF92423*	9FFM2432*	9FFM2437	9FFM2455

*Model with 2 U; other or mixed designs available on request
Included in delivery: assembly, 1 ready-made holder, possibly blind plugs.

FLine® splice housing smart, fixed

Single-mode E9..10/125, insertion losses: < 0.4 dB; return losses: > 40 dB

No. of Fibres	SC-DX (Met/Cer)	ST (Met/Cer)	E2,000 (Plastic/Cer)	E2,000HRL (Plastic/Cer)	FC-PC (Met/Cer)	FC-PC HRL (Met/Cer)
4	9FG90204	9FG90223	9FG90232	9FG90236	9FG90240	9FG90245
8	9FG90404	9FG90423	9FG90432	9FG90436	9FG90440	9FG90445
12	9FG90604	9FG90623	9FG90632	9FG90636	9FG90640	9FG90645
24	9FG91204	9FG91223	9FG91232	9FG91236	9FG91240	9FG91245
48	9FG92404*	9FG92423*	9FG92432*	9FG92436*	9FG92440*	9FG92445*

FLine® 110, Multimode G50/125 OM2, insertion losses: < 0.4 dB; return losses: > 25 dB

No. of Fibres	SC-DX (Met/Cer)	SC-DX (Plastic/Cer)	ST (Met/Cer)	E2,000 (Plastic/Cer)	MT-RJ (Plastic)	LC-DX (Plastic/Cer)
4	9FG50204	9FG50203	9FG50223	9FG50232	9FG50237	9FG50255
8	9FG50404	9FG50403	9FG50423	9FG50432	9FG50437	9FG50455
12	9FG50604	9FG50603	9FG50623	9FG50632	9FG50637	9FG50655
24	9FG51204	9FG51203	9FG51223	9FG51232	9FG51237	9FG51255
48	9FG52404*	9FG52403*	9FG52423*	9FG52432*	9FG52437	9FG52455

FLine® 300, Multimode G50/125 OM3: insertion losses: < 0.2 dB; return losses: > 35 dB

No. of Fibres	SC-DX (Met/Cer)	SC-DX (Plastic/Cer)	ST (Met/Cer)	E2,000 (Plastic/Cer)	MT-RJ (Plastic)	LC-DX (Plastic/Cer)
4	9FGB0204	–	–	–	–	9FGB0255
8	9FGB0404	–	–	–	–	9FGB0455
12	9FGB0604	–	–	–	–	9FGB0655
24	9FGB1204	–	–	–	–	9FGB1255
48	9FGB2404*	–	–	–	–	9FGB2455

FLine® 550, Multimode G50/125 OM3 "e": insertion losses: < 0.2 dB; return losses: > 35 dB

No. of Fibres	SC-DX (Met/Cer)	SC-DX (Plastic/Cer)	ST (Met/Cer)	E2,000 (Plastic/Cer)	MT-RJ (Plastic)	LC-DX (Plastic/Cer)
4	9FGD0204	–	–	–	–	9FGD0255
8	9FGD0404	–	–	–	–	9FGD0455
12	9FGD0604	–	–	–	–	9FGD0655
24	9FGD1204	–	–	–	–	9FGD1255
48	9FGD2404*	–	–	–	–	9FGD2455

Multimode G62,5/125 OM1, standard: insertion losses: < 0.4 dB; return losses: > 25 dB

No. of Fibres	SC-DX (Met/Cer)	SC-DX (Plastic/Cer)	ST (Met/Cer)	E2,000 (Plastic/Cer)	MT-RJ (Plastic)	LC-DX (Plastic/Cer)
4	9FG60204	9FG60203	9FG60223	9FG60232	9FG60237	9FG60255
8	9FG60404	9FG60403	9FG60423	9FG60432	9FG60437	9FG60455
12	9FG60604	9FG60603	9FG60623	9FG60632	9FG60637	9FG60655
24	9FG61204	9FG61203	9FG61223	9FG61232	9FG61237	9FG61255
48	9FG62404*	9FG62403*	9FG62423*	9FG62432*	9FG62437	9FG62455

*Model with 2 U; other or mixed designs available on request
Included in delivery: assembly, splice cassette(s) with cover, splice protector with holder, 1xPG16 gland,
pigtails marked and plugged into couplings ready for splicing (primary and secondary coating), possibly blind plugs.

Subject to printing errors, mistakes and technical changes.