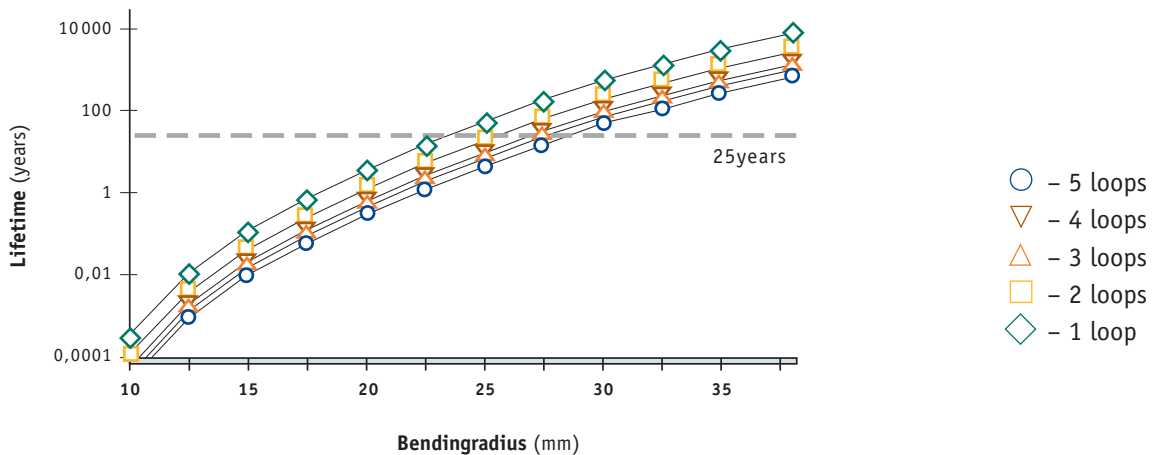


FLine® – the complete fibre-to-the-desk system

Compact fibre optical connection engineering – high performance, immunity to disturbances, future capabilities

Of course, the FLine® system also includes comprehensive connectivity solutions for fibre-to-the-desk. Here it is possible to use a wide range of outlets with the corresponding materials for installation in ducts and floorbox solutions



As a result of a specific outlet design, bending never goes below the admissible bending radii of the fibres, thus ensuring that the fibre keeps its full functionality even in the long term.

- A defined bending radius of the fibre ensures the lifetime
- An effective strain relief for cables and pigtails and clean guidance within the outlet ensure minimum strain on the fibre and preservation of the physical characteristics
- The dimensions of the outlets are as small as possible

FLine® UP outlet

The UP outlet can be installed in ducts or concealed mounting can be used. The special features of this professional version are as follows:

- It can be equipped with up to two duplex or 4 simplex couplings
- Possible types of coupling: SC-Duplex, ST-Simplex, E 2,000, LC-Duplex
- The bending radius of the fibre of at least 30 mm is ensured by the cable reservoir and the cable guide
- The outlet has a downward inclination of 10°. This ensures optimum protection against mechanical stress.
- The universal carrying frame is compatible with usual mounting cups
- All current connecting techniques are supported:
 - Mounting of fibre optical plugs on location
 - Use of ready-made cables
 - Splicing of pigtails



FLine® outlets



FLine® outlet



FLine® cable reservoir KR

FLine® cable guide KF

Product description:

- For mounting in parapet ducts and for underfloor mounting
- Termination of up to 4 channels/ 6 fibres
- Outlet direction: downwards at an angle of 10°
- Bending radius > 30 mm in conjunction with cable reservoir KR or cable guide KF
- Marking insert enclosed
- Delivery: completely equipped with all components
- Colour: pearl white, RAL 1013

Article number: 9FK03051

Pcs. per packing unit: 1

Product description:

- For UP jack to take up excessive cable lengths and/or safety reserves (at least 4 x 1 m at an external diameter of 3 mm)
- Minimum bending radius > 30 mm
- Direction-independent cable entry with cable tie strain relief on input and output side
- FLine® cable reservoir KR
- Installation height 50 mm
- Installation height 55 mm

Article number: 9FK03007/9ZK03008

Pcs. per packing unit: 1

Product description:

- For UP FO jack to comply with the minimum bending radii for FO cables (> 30 mm) in conjunction with assembly holder
- FLine® cable guide KF

Article number: 9FK03009

Pcs. per packing unit: 10

FLine® EK outlet

The advantage of the EK outlet is its compact design. It can be installed in ducts in a horizontal or vertical position.

The EK outlet has the following characteristics:

- It can be equipped with up to one duplex coupling or two simplex couplings
- Possible types of coupling: SC-Duplex, ST-Simplex, E 2,000, LC-Duplex
- The integrated cable guide ensures compliance with the admissible bending radius
- The universal central piece can be combined with various different switch programs
- Ready-mounted plugs as well as plugs mounted on location can be used



FLine® EK outlet

FLine® outlets



FLine® EK outlet



FLine® assembly holder MH



FLine® assembly holder MH

Product description:

- For horizontal and vertical mounting in parapet ducts, termination of 1 channels/2 fibres
- Outlet direction: downwards at an angle of 45°, defined bending radius in conjunction with suitable assembly holder MH
- Cable tie strain relief
- Central piece 50 x 50 mm according to DIN 41075 Part 1, 1989
- Colour: pearl white, RAL 1013

Article number: 9FK03050

Pcs. per packing unit: 1

Product description:

- For EK or UP outlet in conjunction with cable guide KF
- Horizontal mounting
- Suitable for all Tehalit duct systems and Ackermann
- Te li ko (WIK + SIS)
- Installation height 50 mm
- Installation height 55 mm

Article number: 9FK03014/9FK03015

Pcs. per packing unit: 10

Product description:

- For EK or UP outlet in conjunction with cable guide KF
- Horizontal mounting
- Suitable for all Tehalit duct systems and Ackermann
- Te li ko (WIK + SIS)
- Installation height 50 mm
- Installation height 55 mm

Article number: 9FK03016/9FK03017

Pcs. per packing unit: 10

Designation, coupling	Article No.
ST/ST Monomode, ceramic	9FK03010
SC/ST Monomode, ceramic	9FK03011
SC/SC Monomode, ceramic	9FK03012
ST/ST Multimode, ceramic	9FK03043
SC/ST Multimode, ceramic	9FK03044

Designation, coupling	Article No.
SC/SC Multimode, ceramic	9FK03045
ST/ST Multimode, PhBz	9FK03046
SC/ST Multimode, PhBz	9FK03047
SC/SC Multimode, PhBz	9FK03048

Installation systems for Ackermann floorbox GES 6 and GES 9

More and more frequently, modern office infrastructures are being based on flexible underfloor systems (double floors, duct systems).

KERPEN has followed the leading manufacturers of these systems and developed suitable connecting components.

Product features:

- The device cup can take up 4 X SC Duplex, 4 x E 2,000, 4 x MT-RJ and 4 X LC Duplex
- The device cup consists of 1.5 mm sheet steel
- Surface powder-coated black, RAL 9005
- Self-adhesive marking strips for marking as required