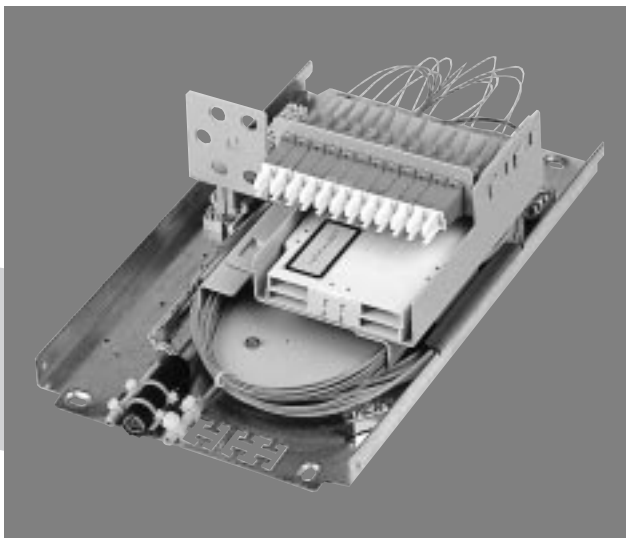


PRODUCT *information*



Fibre Optic Distributor VKA 2/FO

The FO distributor VKA 2/FO was especially conceived as relay or termination point for fibre optics. It lends itself best to installation where space is tight and the budget is limited.



Despite its extremely compact measurements, as many as 24 splicing connections can be incorporated in 2 splicing cassettes.

The FO patching fields permits the splice distributor to be converted to cross-connection distributor and is available as an accessory. FO patching fields for different FO connectors are available.

By virtue of its modular construction, the VKA 2/FO can easily be supplemented in a hybrid cable environment with connection modules and coaxial connectors. All connection modules (SID-CD or LSA-Plus ①) can naturally be equipped with over-voltage protection.

Various cabinet locks are available as accessories, allowing the network operator or user to control access to the FO distributor. A cover contact can be used to keep the cover under surveillance.

Its exterior design conforms to the design of the product family of the VKA, allowing it to be installed along with existing distribution boxes from Quante.

HIGHLIGHTS

- splice or cross-connection distributor for 24 fibres (2 splicing cassettes)
- containment of fibre optic, copper, or coax cable without undercutting minimum bend radii
- FO patching fields for 12 connectors E2000/SC or ST or 6 connectors in SC duplex
- coaxial patching field for 6 connectors 1.6/5.6
- connection module 2 x 10 pairs or 1 x 20 pairs with over-voltage protection installable
- access protection guaranteed with various cabinet locks
- remote surveillance via cover contact
- design corresponds to VKA distribution boxes

TECHNICAL *data*

Fibre Optic Distributor VKA 2/FO

Design

- FO distributor with two splicing cassettes for mounting up to 24 splices.
- Base plate manufactured from galvanised sheet steel for FO cassette holder and cable guides.
- Cable entry from above or below via plastic caps with pre-stamped cut-outs.
- Separated cable guide levels for fibre optic and copper cable.
- FO patching field for 12 connectors E2000/SC, 12 ST or 6 connectors SC duplex secured using knurled nuts via the splicing cassette.
- Fixing points on base plate for installation of two 10 pair or one 20 pair SID-CD or LSA-Plus ① connection module.
- Overvoltage protection magazines (10 pairs 2 pole/ 3 pole magazine or single pair protection) can be installed.
- Optional installation of a coaxial patching field for 6 coax connectors of the type 1.6/5.6.
- Cover manufactured from sheet steel, powder-coated in RAL 7032 (pebble grey), with head pieces manufactured from plastic in RAL 7022 (umber grey).
- Type of protection: IP 40

Dimensions (H x W x D)

VKA 2/FO:	330 x 200 x 100 mm
Packaging:	350 x 210 x 110 mm

Standard equipment

- VKA 2/FO with:
- base plate for cable guide, earthing terminal and fixing points/fastening materials for 10 pair connection module (SID-CD, LSA-Plus ①)
 - cassette holder for one FO patching field and two splicing cassettes
 - 2 splicing cassettes including strain relief elements (upper splicing cassette sealed with protective cover)
 - cabinet cover with snap lock
 - installation instructions
 - various cable straps

Order text

VKA 2/FO

Quante no.

52-303-00030

Accessories

FO protective holder for splicing cassettes

FO protective holder 05-760-08000
PU: 10 pcs.

Patching fields for

12 E2000 / SC connectors	52138-019 30
12 ST connectors	52138-018 30
6 SC duplex connectors	52138-016 30
6 coaxial connectors type 1.6/5.6	upon request

Access protection

Q2 lock kit	52096-523 00
Q3 lock kit	52096-521 00
Q15 lock kit	52096-526 00
Cover contact	52096-519 00

FO connectors

E2000, single mode	05-751-13400
ST, multi-mode	05-751-10500
SC duplex, multi-mode	05-751-12800

FO pigtails

E2000, HRL/APC 8°, 2 m	05-706-03900
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Connection modules

SID-CD disconnection module, 10 pairs	79103-538 00
SID-CD disconnection module, 20 pairs	79103-547 00
LSA-Plus ① connection module, 10 pairs	79101-517 00
LSA-Plus ① connection module, 20 pairs	79101-518 00

Supplementary SCQ products

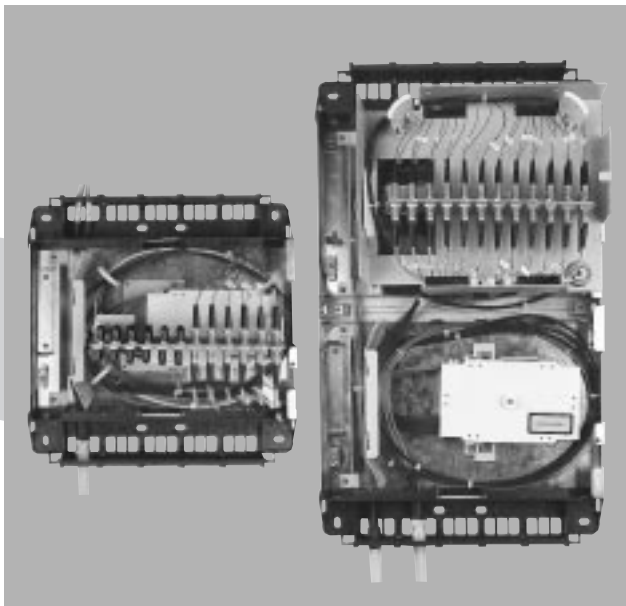
VKA 2/FO with individual fibre management for 12 splices	52-303-00000
VKA 4/FO for 48 splices	52-303-00100
VKA 8/FO for 96 splices	52-303-00200

PRODUCT *information*



Fibre Optic Distributor VKA 4/FO and VKA 8/FO

The cabling system SCQ (Structured Cabling by Quante) was supplemented especially for the applications FTTD (Fibre-to-the-desk) and FTTO (Fibre-to-the-office) with two fibre optic distributors. The distributors have a nominal capacity of 48 or 96 fibres with either 4 or 8 splicing cassettes.



In its form as a pure through connector without cross-connection, the FO distributor provides a maximum capacity of 72 or 144 fibres. Through optional patching fields, both splice distributors can be converted to cross-connection distributors. For this purpose patching fields for different plug systems are available. The VKA 8/FO can be equipped with two patching fields.

As well as the standard cover lock an additional lock for the cassette stack is available. This lock allows separate access to the fibres on the operator's side and to those on the user's side.

Installation of 10 pairs connection modules (SID-CS, LSA-Plus ®) are intended for utilisation of hybrid cables (with copper wires).

The well thought-out cabinet construction and the carefully adapted accessories allow not only the installation of inexpensive splice distributors but also of convenient cross-connection distributors for the most demanding of applications.

Quante complements its range of fibre optic distributors with the distributors VKA 4/FO and VKA 8/FO. The product program now covers all installation capacities between 12 and 192 fibre connections.

In addition, Quante offers the complete line of accessories such as splicing cassettes (conforming to Deutsche Telekom standard), through-connectors, pigtails, etc. all from a single supplier.

HIGHLIGHTS

- installation capacity as cross-connection distributors 48 or 96 fibres
- installation capacity as splice distributor 72 or 144 fibres
- orderly cable management, compliance with minimum bend radii
- patching fields for ST, E2000 or SC connectors
- copper terminal for hybrid cable, available with over-voltage protection
- cover and cassette stack can be separately access protected
- scope of supply including wire guide hooks and splicing cassettes
- remote surveillance via cover contact
- design corresponds to VKA distribution boxes

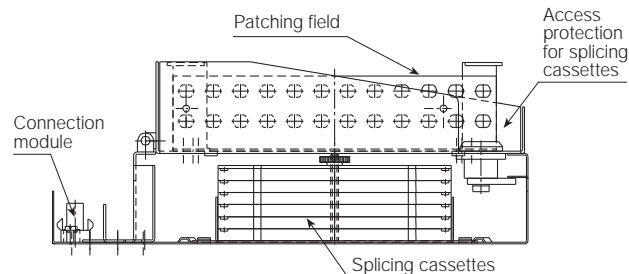
TECHNICAL *data*

Fibre Optic Distributor VKA 4/FO and VKA 8/FO

Design

- FO distributors delivered with 4 or 8 splicing cassettes. If patching fields are not used, distributors provide a maximum capacity of 6 or 12 splicing cassettes.
- Base plate with fixing for cassette holder and cable guides.
- Cassette holder with threaded bolts and twist protection for splicing cassettes.
- Cable entry via plastic caps with pre-stamped cut-out ports.
- Back mount frame for installation of connection module 10 pairs (SID-CS, LSA-Plus ®).
- Sheet steel cover, powder-coated in RAL 7032 (pebble grey), with plastic head pieces in RAL 7022 (umber grey).
- Standard version with snap lock; lock system available as accessory.
- Type of protection: IP 40

Extensions (optional)



The distributors VKA 4/FO and VKA 8/FO can be individually supplemented with the following options:

Patching fields

Patching fields for 24 ST, 24 E2000 or 12 SC duplex connectors can be installed above the cassettes. 2 patching fields can be used with the VKA 8/FO.

Cabinet access protection

The cabinet cover can be protected from unauthorised access with different lock assembly kits.

Access protection splicing cassettes

A lockable frame can be retro-installed for every splicing cassette stack. In this way it is possible to control access authorisation separately, for example, for operators and users.

Cover contact

In order to provide remote surveillance, a cover contact can be mounted on both fibre optic distributors. (Pre-condition for this is a lock assembly kit for the cabinet.)

Standard equipment

VKA 4/FO and VKA 8/FO with:

- Base plate for cable management, ground terminal and back mount frame for connection module 10 pairs (SID-CS, LSA-Plus ®)
- Cassette holder with threaded bolts and twist protection for splicing cassettes
- 4 splicing cassettes for VKA 4/FO including strain relief element
- 8 splicing cassettes for VKA 8/FO including strain relief element with one or two covers
- Cable entry and plastic holder
- Cover with snap lock
- Installation instructions

Dimensions (H x W x D)

VKA 4/FO:	330 x 330 x 125 mm
VKA 8/FO:	550 x 330 x 125 mm

Order text

Quante no.

VKA 4/FO	52-303-00100
VKA 8/FO	52-303-00200

Accessories

Patching fields for

24 ST connectors	52138-010 30
12 SC duplex connectors	52138-012 30
24 E2000 connectors	52138-013 30
Additional patching fields available on request	

Access protection

Q2 lock kit	52096-522 00
Q3 lock kit	52096-520 00
Cover contact	52096-519 00

Access protection for splicing cassettes

Lockable frame	52148-503 30
Lock Q3 for frame	52323-508 25
Lock Q4 for frame	52323-509 25