

CTB50 Fibre Optic Wall Outlet FTTx Subscriber Box

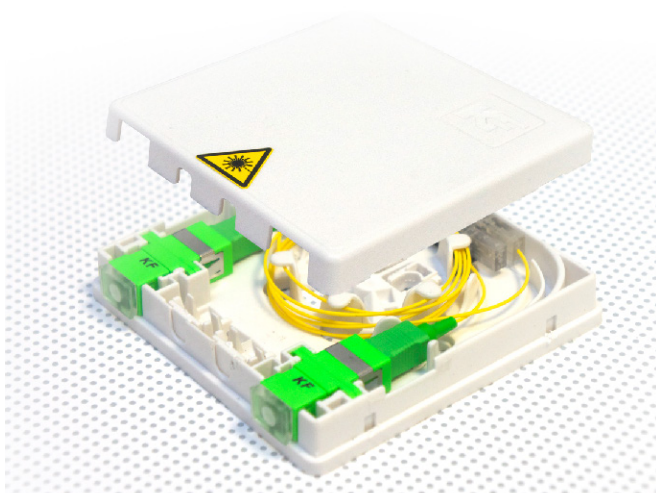
The KeyFibre® CTB50 Fibre Optic Wall Outlet is the ideal solution for retrofitting existing buildings where space for additional installations is often difficult to get. It provides a transition point between incoming cable and building access points for enterprise or residential fibre installations.



The CTB50 wall outlet is designed to contain up to two SC shaped connectors and it is compatible with KeyFibre® KeyQuick® Field Connectors, or KeyFibre® Mechanical Splice MS201. It is compatible with round and indoor / outdoor FTTH Flat Drop, and Low Friction Drop cables. It is made of polycarbonate material (PC/ABS polymer), and its rating grade is IP64.

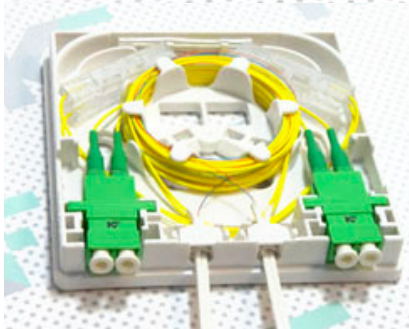
The cable is fed to the wall outlet from the bottom side or from the back. The wall outlet is composed by body, splice cassette and cover. The body is fixed to the wall with screws and it is used for entrance and routing of the optical installation cable and mounting of optical adapters (1-2 pcs).

The CTB50 wall outlet is suited for deployment using direct or spliced pigtail terminations. Positions for 'clip-on' heat shrink splice holders are included.

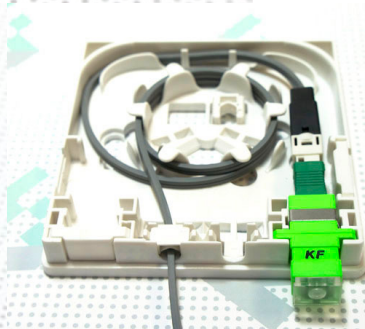


The CTB50 is supplied preconnectorized with several kinds of configurations and fibre cables: FTTH indoor flat 2 fibres 3.1mm, indoor/outdoor drop 2 fibres 5.3mm, low friction indoor cable 1 fibre 2.2mm, and equipped with KeyQuick® Pigtail MS201, and adapters.

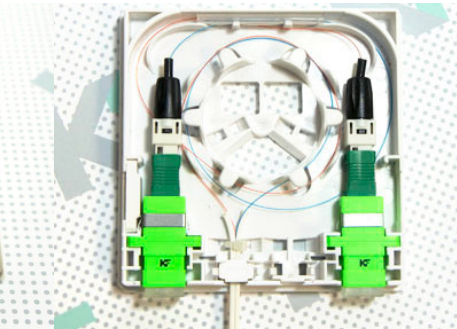
A concept that allows to optimize the installation reducing possible human mistakes, assuring that terminated fibres are optically performed, and reducing the installation time and cost considerably.



CTB50 + 2 Cables 2FO + 4 LC/APC
KQPigtails + 2 LC/APC Duplex Adapters



CTB50 + 1 Drop Cable + 1 KQ20
SC/APC + SC/APC Adapter



CTB50 + 1 Cable 2FO + 2 KQ10
SC/APC + 2 SC/APC Adapters

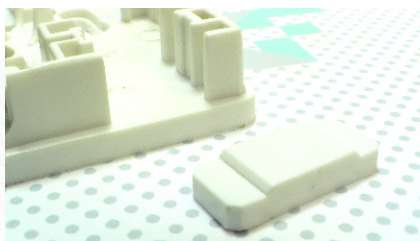
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Features

• 90 x 90 x 15 mm format	Standard outlet dimensions, thin design
• Two SC ports	Accepts SC simplex adapters, with or without flange
• Snap on cover	Removable cover for easy access, no screws required
• Easy accessibility	Allows cable entrance from the bottom as well as from the back



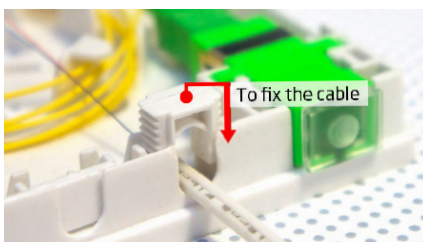
Standard outlet dimensions
Thin design, 15mm



Windows system



Back entrance



Fixing method



Adapter with flange



Adapter without flange

Easy installation



Fit screws in the wall.

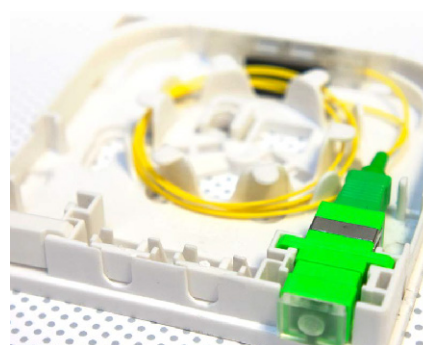


Set up CTB50 comfortably

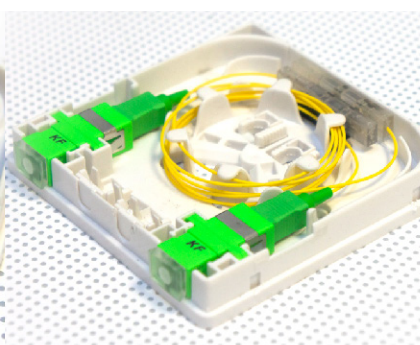


Fix it to the wall with
a secure connection

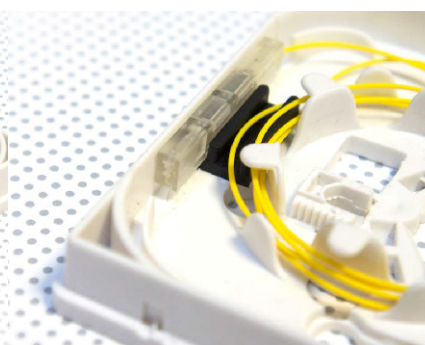
Equipped configurations:



CTB51A equipped with:
1 SC/APC KQPigtail + SC/APC Adapter



CTB52A equipped with: 2 SC/APC
KQPigtail + 2 SC/APC Adapters

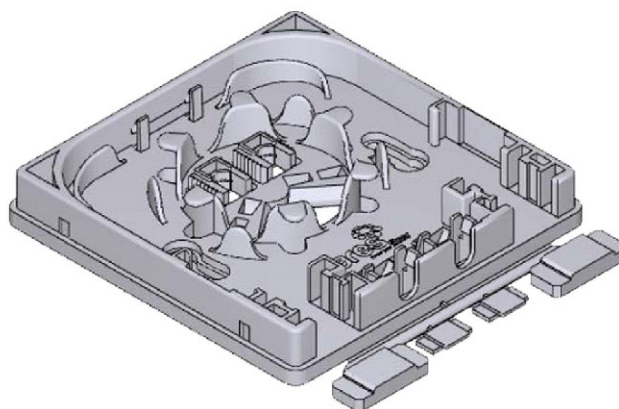
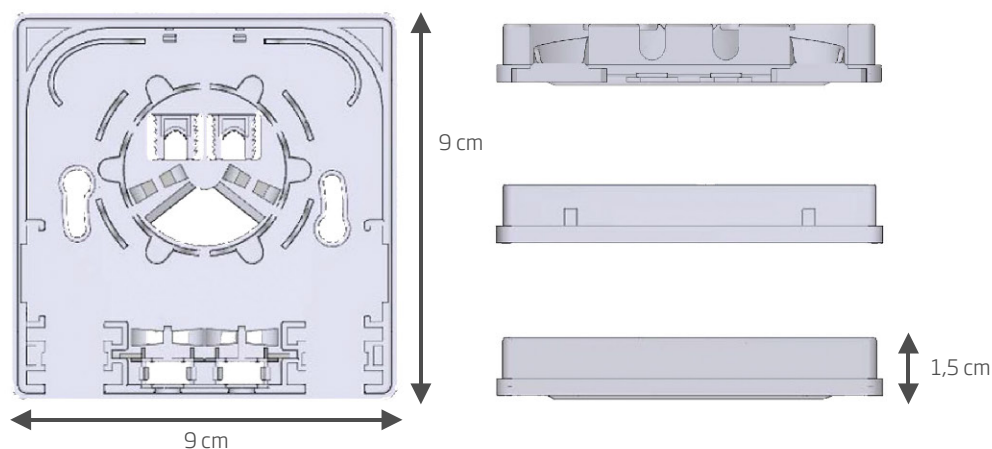


KeyQuick® Mechanical Splice
MS201 detail

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Specifications

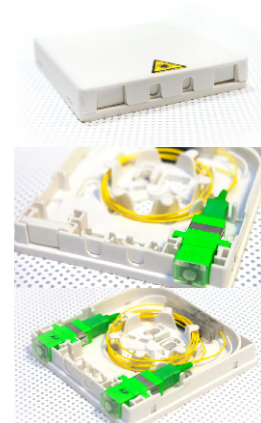
Attribute	Values
Dimensions (B x L x H)	9 x 9 x 1,5 cm
Capacity of adapters	2 SC, LC and E-2000
Fibres capacity	2 SC simplex / 4 LC duplex
Entrance ports	4 (from bottom and back)
Maximum (Ø) cable	5 mm
Bending radius	minimum 30 mm
Material	ABS
Color	RAL 9003
Mounting type	Wall
Ingress protection degree	IP64
Temperature resistance	-25°C up to 40°C
Expected operation time	Over 10 years



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Ordering Information:

Part Number	Description
CTB50	CTB50 Fibre Optic Wall Outlet FTTx Subscriber Box
CTB51A	CTB50 Fibre Optic Wall Outlet FTTx Subscriber Box Equipped with 1 SC/APC KeyQuick® Pigtail + 1 SC/APC Adapter Transparent Dust Cap
CTB52A	CTB50 Fibre Optic Wall Outlet FTTx Subscriber Box Equipped with 2 SC/APC KeyQuick® Pigtail + 2 SC/APC Adapter Transparent Dust Cap



* Kit Contents: 1 x Base, 1 x Cover, 2 x Cable Ties, 2 x Fixing Screws, 2 x Splice Protectors

Shipping Information:

	Individual Packaging	10 Pack Units	50 Pack Units
Dimensions	17 x 22 x 2 cm	21 x 11,5 x 10,5 cm	23,5 x 25 x 34 cm
Weight	0.074 Kg	0.800 Kg	4,37 Kg