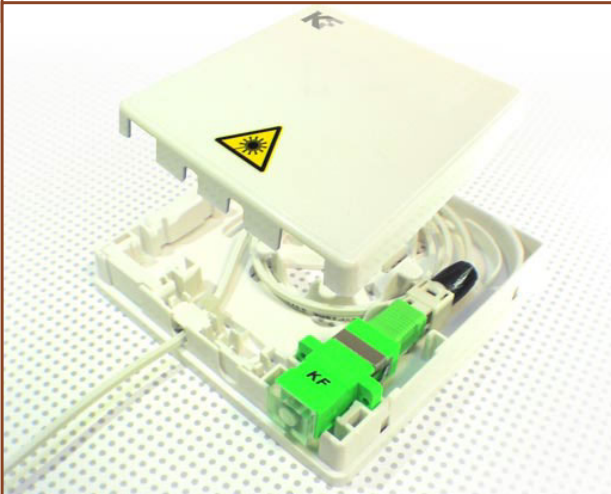**Data Sheet**

Fibre Management | Fibre Optic Wall Outlet CTB50, "Super-Slim"

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

Standard outlet dimensions, now thinner, only 15mm depth. It is designed to house up to 2 SC-type connectors and its totally compatible with KeyQuick® Field Installable Connectors and MS100 Mechanical Splice, heat shrink or optical splices.

The simplest and easy-way-to install the outlet is to use direct fibre termination with KeyQuick® Field Installable Connectors.

The unit is supplied with base, cover, fixing screws, cable ties, splice protectors. Optical SC/APC Pigtails, Adapter, and KeyQuick® Mechanical Splice, are optional items and can be sold separately, as a kit, unassembled. In combination with KeyQuick® Connectors and KeyFibre® Indoor Flat or Drop Cables, highly reduce the installation time and costs.
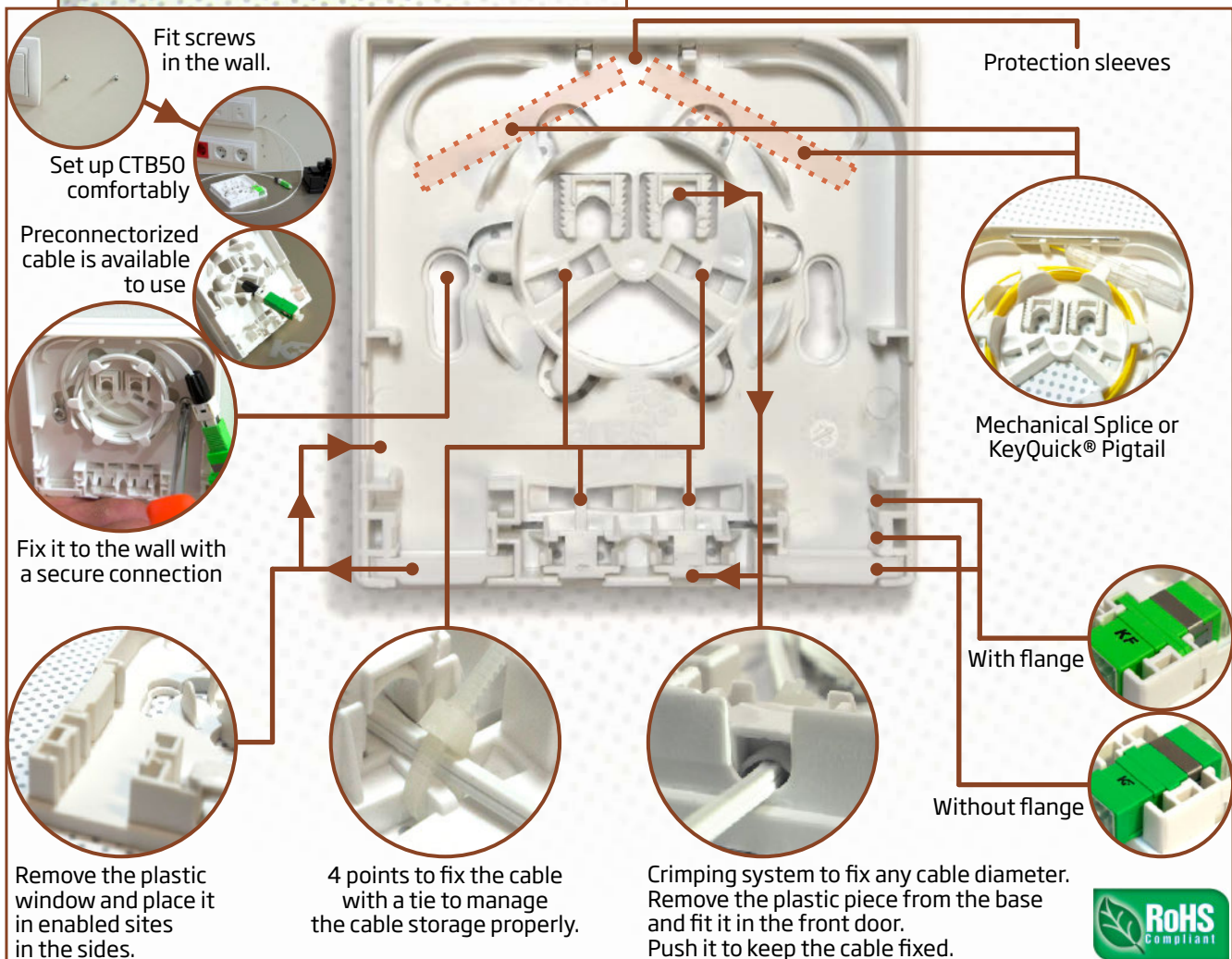
Thin Design

15 mm

Fit screws in the wall.

Set up CTB50 comfortably

Preconnectorized cable is available to use

Fix it to the wall with a secure connection

Protection sleeves

Mechanical Splice or KeyQuick® Pigtail

With flange

Without flange

Remove the plastic window and place it in enabled sites in the sides.

4 points to fix the cable with a tie to manage the cable storage properly.

Crimping system to fix any cable diameter. Remove the plastic piece from the base and fit it in the front door. Push it to keep the cable fixed.

KeyQuick® Field Installable

Light Distribution

Fibre Management

Connectivity

Key Cabiling Systems

RoHS Compliant

1

Fibre Management

Fibre Optic Wall Outlet CTB50, "Super-Slim"

Features & Benefits

90 x 90 x 15 mm format	Standard outlet dimensions, thin design
Two SC ports	Accepts SC simplex adapter, with or without flange,
Snap on cover	Cover removable for easy access, no screws required
Easy accessability	Allows cable entrance from the bottom aswell as to the rear

Technical Specifications

Installation Type	Indoor, Wall mount
Rating grade	IP45 (IEC 60529)
Fiber Capacity	2 FO SC / 4 FO LC
Entrance Ports	4 cable entries – max cable diameter 5mm
	From the bottom, and rear
Operating Temperature	-25°C + 40°C
Material	ABS plastic
Box Dimensions HxWxD (mm)	90*90*15
Box Weight (kg)	0.20
Colour	RAL 9003

Related Items & Accessories

Mechanical Splice MS100
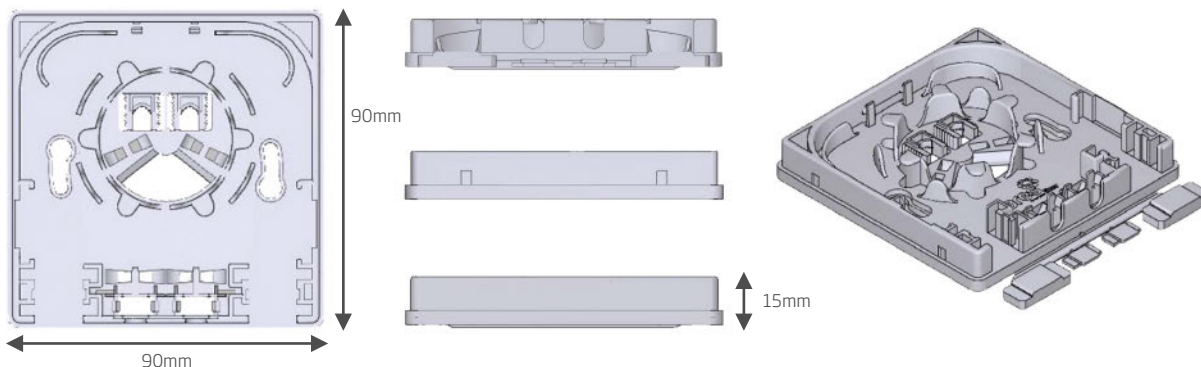

KeyQuick®10 Fast Field Installable Connector

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,

Additional Items:

SC/APC Plastic simplex Adapter, zirconia sleeve (ZrO2), high performance IL 0.2dB IEC 61754-4

SC/APC pigtail G657.A, Grade B performance IL max 0.25dB, IL typical: 0.12dB, RL >65dB, IEC 61754-4, Telcordia GR-326

KeyQuick® Mechanical Splice MS100, IL 0.1dB, RL >60dB, IEC 61753-1

KeyQuick® Field Installable Connectors KQ10 SC/APC

Indoor Flat Cable.

90mm

90mm

15mm

RoHS Compliant

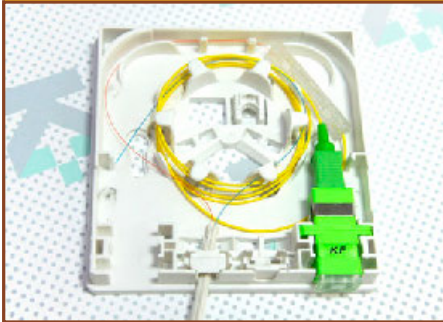| Part Number	Description	Outlet dimensions (LxDxH mm)	Weight per piece (Kg)	Packaging	Master Pack	Box Size (mm) L x D x H	Box GW (Kg)
FM-CTB50-2	Fibre Optic Wall Outlet CTB50, 2FO "Super Slim"	90 x 90 x 15	0,020	Individual plastic bag	20 pieces per box	200 x 200 x 250	1,3

KeyQuick® Field Installable
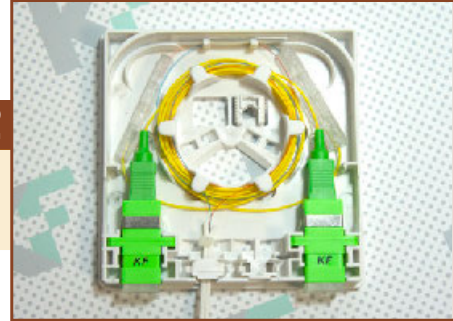
Light Distribution

Fibre Management

Connectivity

Key Cabiling Systems

2

![KF keyFibre logo]

Member of Fibre to the Home Council Europe

➡ makes easy the fibre connection · www.keyfibre.com

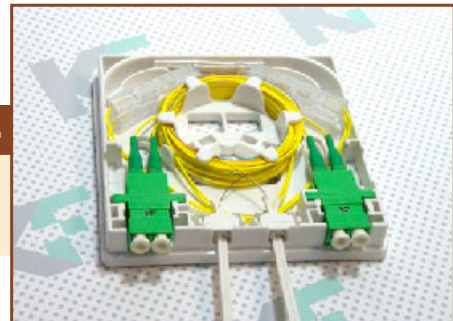# CTB50   Installation Possibilities

1

Indoor Cable 2FO
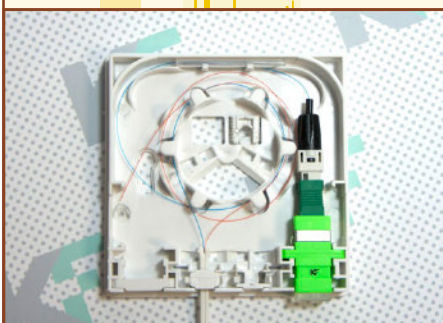+ SC/APC KeyQuick®Pigtail
+ SC/APC Adapter

2

Indoor Cable 2FO
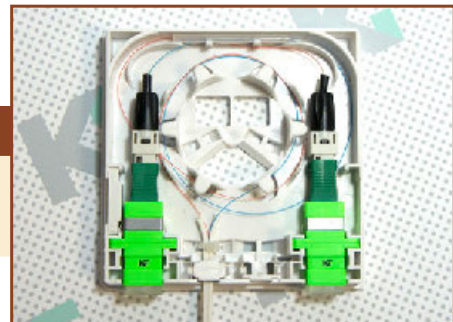+ 2 SC/APC KeyQuick®Pigtail
+ 2 SC/APC Adapters

3

Indoor Cable 2FO
+ 2 LC/APC KeyQuick®Pigtail
+ LC/APC Duplex Adapter

4

2 Indoor Cable 2FO
+ 4 LC/APC KeyQuick®Pigtail
+ 2 LC/APC Duplex Adapter

5

Indoor Cable 2FO
+ SC/APC KeyQuick®10
+ SC/APC Adapter

6

Indoor Cable 2FO
+ 2 SC/APC KeyQuick®10
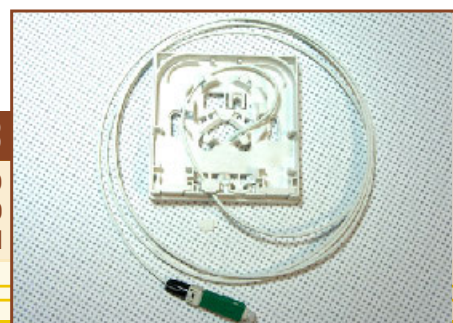+ 2 SC/APC Adapter

5

Low Friction Indoor Cable 1FO
+ SC/APC KeyQuick®10
+ SC/APC Adapter

6

2 Low Friction Indoor Cable 1FO
+ 2 SC/APC KeyQuick®10
+ 2 SC/APC Adapter

7

Low Friction Indoor Cable 1FO
+ SC/APC KeyQuick®10
stored inside

8

Low Friction Indoor Cable 1FO
+ SC/APC KeyQuick®10
Ready to be plugged

KeyQuick® Field Installable

Light Distribution

Fibre Management

Connectivity

Key Cabilng Systems

3