

Data Sheet for Article: HSELR49DP5

FTTH Rollerbox 50m, 4xSC/APC 8°, OS2 G657.A2, B2ca-s1a, d0, a1

With wallmount outlet W80xH28xD80mm, RAL9010 Pure white, incl. 4x Simplex-Coupler and 4x Pigtails, also suitable for DIN-rail installation



SCHRACK-Info

The FTTH roller boxes are practical and versatile solutions for fiber-optic installation in homes or buildings that require a fast and flexible connection to the FTTH network.

These boxes offer an easy way to organize fiber-optic connections and enable user-friendly mounting of FTTH outlets with OS2 SC/APC connectors.

The roller box is characterized by its compact design and provides space for the necessary fiber-optic infrastructure.

A particular advantage is its flexible handling, as it is designed to be easily mounted on the wall or placed in a cabinet.

The simple handling and clear layout enable quick installation and maintenance, providing a user-friendly solution for both installers and end users.

Features

- Fiber Optic In-House-Cabling
- Offers connection options for up to 4 end devices
- Inclusive 4x Simplex-Couplers und 4x Pigtails inserted and prepared ready for splicing

Features of the Cable

- Roller box length: 50m
- Fire protection class: B2_{ca}
- Diameter of the Cable: Ø2.2mm
- Diameter of the Roller box: Ø225mm

Optional Accessories

Coupler:

- HSELSK09GR

Pigtail:

- HLP09D041P

Safety information:

Avoid direct contact with light sources:

- Fiber optic cables—especially those with active light sources such as lasers (e.g., in optical communication systems)—can emit hazardous radiation that may damage the eyes.
- Never look directly into the light of a fiber optic cable, even if the light source is invisible to the naked eye.

Wear protective eyewear:

- When working with fiber optic cables, especially during tests or when using lasers, always wear safety glasses to protect your eyes from harmful radiation.

Handle cables correctly:

- Plug in and unplug cables only by holding the connector, and never pull directly on the cable.

Do not bend or crush:

- Fiber optic cables are sensitive to mechanical stress.

Protect from damage:

- Install cables in dedicated conduits or use protective materials to prevent physical damage.

Keep connectors clean:

- Fiber optic connectors must be free of dust and dirt.
- Even small particles on the connectors can significantly reduce signal quality.

Observe temperature limits:

- Do not expose cables to extremely high or low temperatures.
- Follow the manufacturer's specifications for the cable's maximum operating temperature.

Inspect regularly:

- Frequently check cables for visible damage such as cracks, bends, or signs of wear.
- Damaged cables must be replaced immediately.

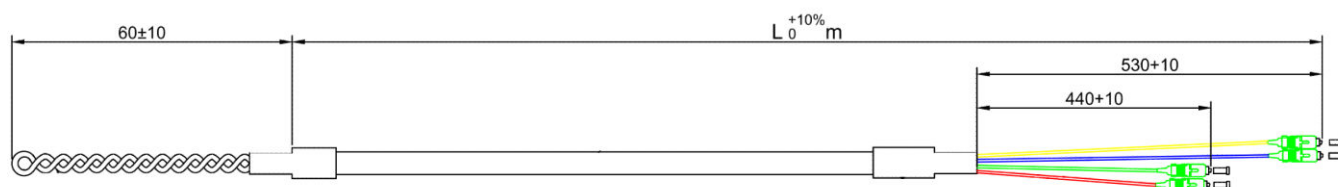
Technical Data

Net width (mm)	250,00
Net height (mm)	50,00
Net weight (kg)	0,10
Product standard	IEC 61300-3-4 / IEC 61300-3-6
Combination of connectors	SC/APC
Connector type	SC/APC 8° Ferrule

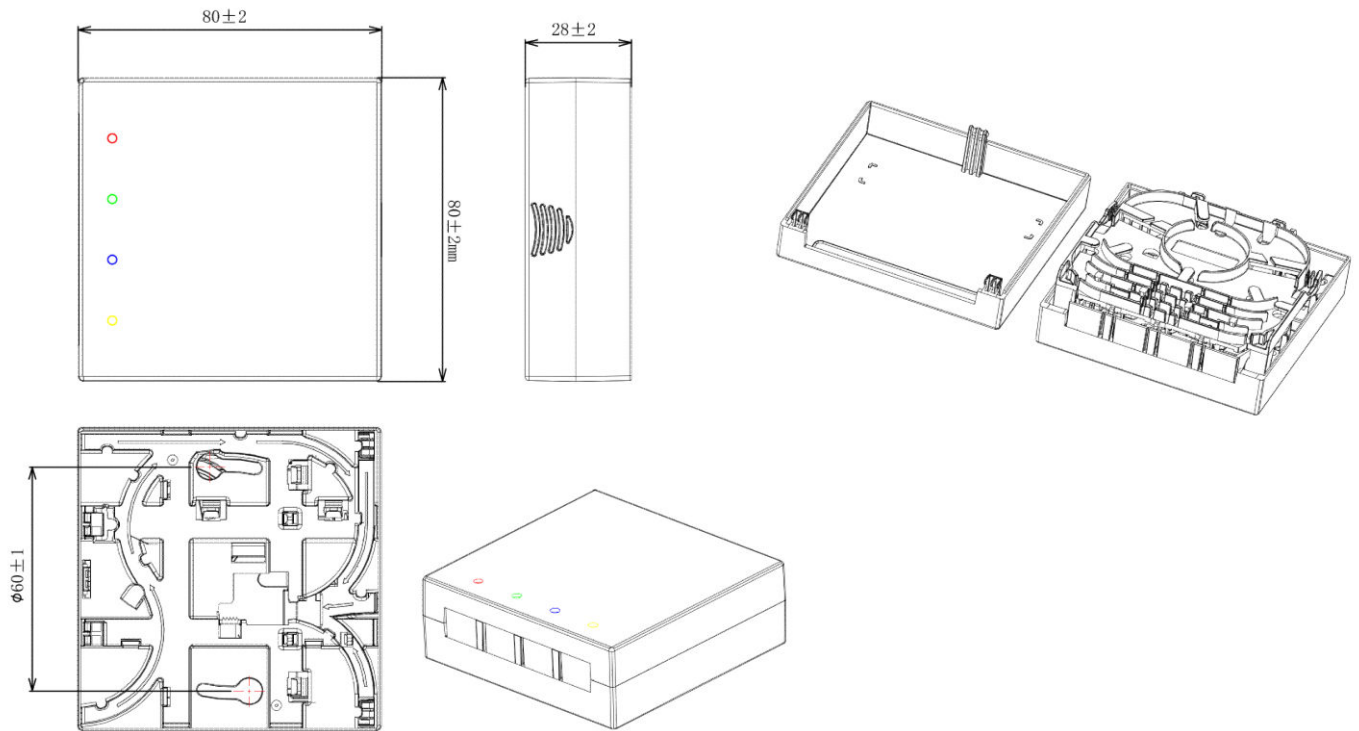
Technical Data - continued

Fiber	9/125 OS2 Singlemode / G.657.A2
Cable jacket	LSOH
Colour	White
Insertion loss typical (dB)	$\leq 0,3$
Return loss typical (dB)	≥ 60
Pulling tension - Operation (longterm) (N)	100
Pulling tension - Installation (shortterm) (N)	200
Wavelength (nm)	1310
Min. ambient temperature (°C)	-40
Max. ambient temperature (°C)	75

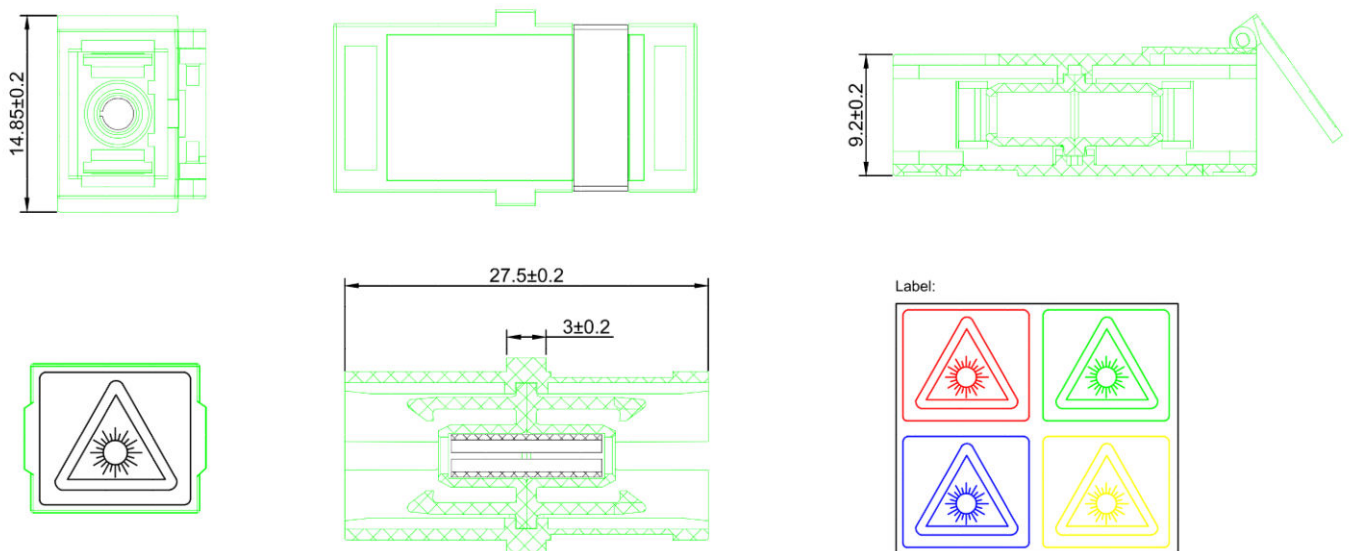
Dimensioned drawing: FTTH Rollerbox 50m, 4xSC/APC 8°, OS2 G657.A2, B2ca-s1a, d0, a1



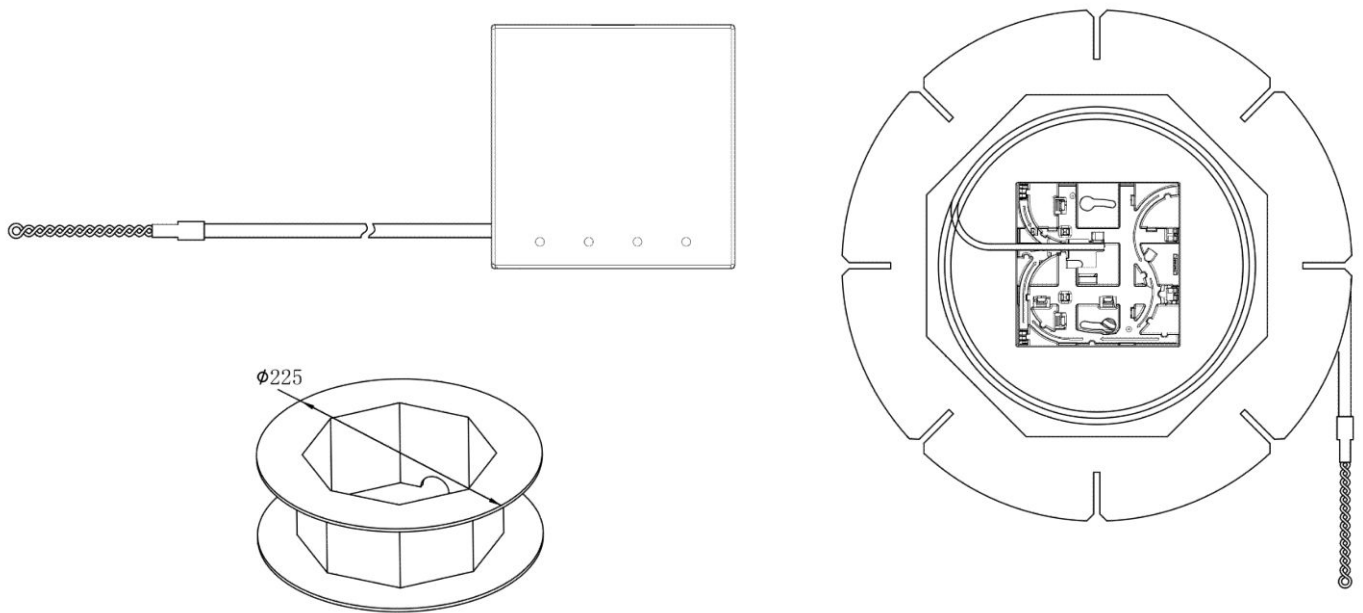
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G657.A2, B2ca-s1a, d0, a1**



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Article Table

DESCRIPTION	Order No.
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Optional Accessories	
Fiber Optics Cleaning Tool for SC, ST, FC and E2000 Suitable for UPC and APC connectors. More than 1,000 cleaning cycles.	HSELSZT002
FO Power meter with integrated laser light source (VFL) and RJ45-copper cable test. ATTENTION: This is a Laser Class 2 product. Do not stare into the beam. Always keep the cover on the VFL port when not in use. It is recommended to use laser safety glasses when working with fiber optic systems.	HSELSZT003
FO Patchcord Duplex SC/APC - SC/APC, 9/125µm OS2, 2.0m LSOH, yellow	HLP29DD02F
FO Patchcord Duplex LC/UPC - SC/APC, 9/125µm OS2, 2.0m LSOH, yellow	HLP29LD02F
FO Patchcord Duplex SC/UPC - SC/APC, 9/125µm OS2, 2.0m LSOH, yellow	HLP29CD02F