



SCP Cabinets Documentation

INDEX

1	Package list.....	2
2	Product datasheet	3
3	Technical data sheets of the passive components.....	6
3.1	Pigtails.....	6
3.2	Splitters	6
4	Compliance	8
5	Factory Inspection & Test Plan (ITP)	12

Date: 11/04/2023

1 Package list

No.	Description	Unit	Quantity (Type 1)	Quantity (Type 2)
1	Cabinet	set	1	1
2	Cupboard fixing plate	set	1	1
3	Splice trays(blue)	pc	22	22
4	Splice trays(grey)	pc	2	2
5	Splice trays(yellow)	pc	3	3
6	Splice trays(red)	pc	9	9
7	Splice trays(blue)	pc	20	20
8	Parking for 8 connectors	pc	32	32
9	Secondary splitter 1*16	pc	4	4
10	Loose buffer pigtails,SC/APC,G657A1 fiber, $\phi 1.6\pm 0.2\text{mm}$,total length 2.9m(1.7m will in the splice tray),yellow LSZH.	pc	256	256
11	Heat shrink protection tubes	pc	280	280
12	Cable tie	pc	20	20
13	Rubber roll 30cm	pc	1	1

Date: 11/04/2023

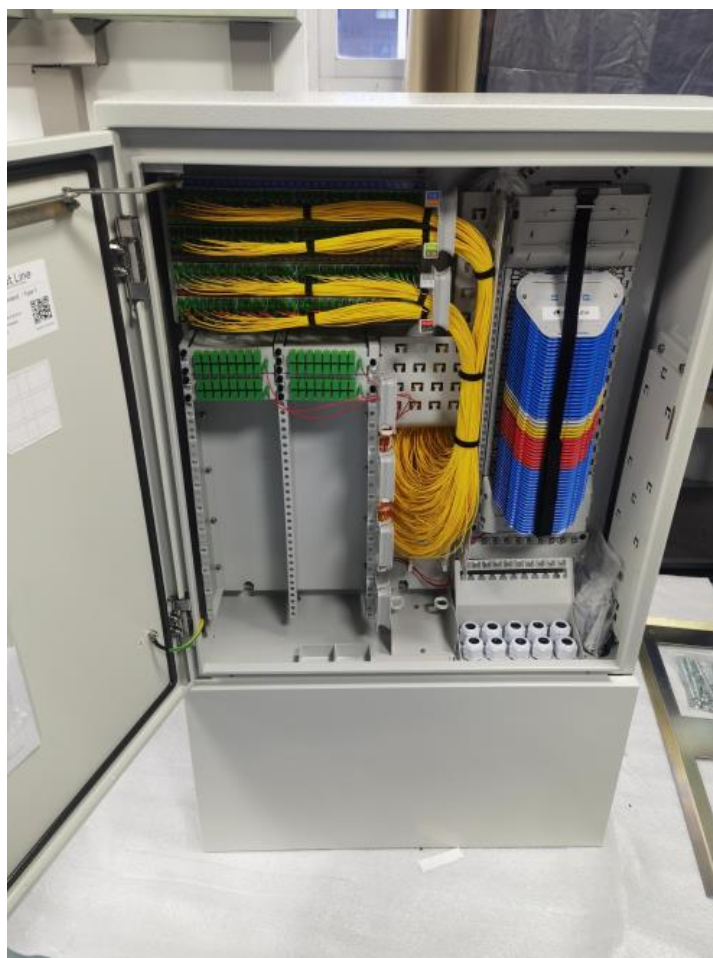
2 Product datasheet

A. PRODUCT DESCRIPTION

The Secondary Concentration Point (SCP) patch cabinet HLGX version allows, on a multi-operator passive network (PON) that supports point-to-point and multi-point technologies, the optical connection, with the possibility of exchange, between the cables coming from a primary concentration element and the cables directed to the individual customer.

The cabinet has a secondary network parking area, consisting of a panel with 256 parking spaces, for as many customers that allows the end users to activate and quickly reconfigure, being able to connect any output of the optical splitters with any of the fibers terminated on the other side by the customer. The cabinet is designed to accommodate up to 24 pcs of 1x16 HLGX type optical splitters.

The fibers of the cables belonging to the SCP, spliced and not with pre-connectorized pigtails coming from the parking area, are contained in splice trays with a thickness of 4 mm in different colors. The cabinet is structured in such a way as to guarantee all the optical fibers inside a minimum radius of curvature of 30 mm.



Date: 11/04/2023

B. MAIN CHARACTERISTICS

- Overall dimensions 125 x 75 x 25 cm for type 1 and 125 x 100 x 25 cm for type 2.
- Aluminum Alloy chassis with a degree of protection at least equal to IP65 and IK10.
- Lower cable handling compartment, height of 40cm (included in the maximum dimensions indicated above), separated from the upper section and accessible from the front with a locking system inside the cabinet.
- Grey color, RAL7035.
- Front door hinged on the left and equipped with gasket, must open up to indicatively 110°
- Locking system of the cabinet equipped with a lock compatible with the cylinder a European profile EN1303.
- Unified key, with lock cylinder type "European 333" EN 1303 with single encryption for the whole territory.
- Perimeter seal of the front door and of the lower compartment made of a two-component material (polyurethane/silicone) and applied by pouring, resistant to operating temperatures $-40 \div +90$ °C.
- Predisposed for future height expansion, by removing the upper cover and positioning of additional expansion element to accommodate additional network elements such as to maintain the IP65 and IK10 degrees of protection.
- At least one opening on the upper right side of the cabinet above the junction area of indicative dimensions of 10x15cm intended for the passage of any cables towards the upper compartment.
- GPON termination area: with 256pcs pigtails SC/APC, G657A1 fiber, $\varnothing 1.6 \pm 0.2$ mm, total length 2.9m/3.15m (1.7m will in the splice tray), yellow LSZH.
- Splitter Area: Area dedicated to splitters and their management. A maximum of 24 1:16 Splitters can be accommodated, arranged in two vertical rows of 12 splitters each.
- SCP cabinet type 1 with 20 pcs circular inlets with diameter suitable for the management of outgoing distribution/drop cables up to 18 mm.
- SCP cabinet type 2 with 50 additional circular inlets with diameter suitable for the management of outgoing drop cables up to 3 mm.
- GPON patch area: Area dedicated to the hosting and management of the GPON semi-connectorized patch cables, which are terminated in "GPON termination area" and spliced to GPON outgoing optical fibers in "Splicing area".
- Splicing Area: this area is composed by different groups of splicing trays and is dedicated to the splice management and to the termination of fibers of both incoming and outgoing cables by means of adequate splicing trays. This area is divided in:
 - Distribution GPON splices area: 22 blue trays.
 - Aggregation GPON splices area: 2 grey trays.
 - Aggregation termination area: 3 yellow trays.
 - P2P splices area: 9 red trays.
 - Distribution termination area: 20 blue trays.

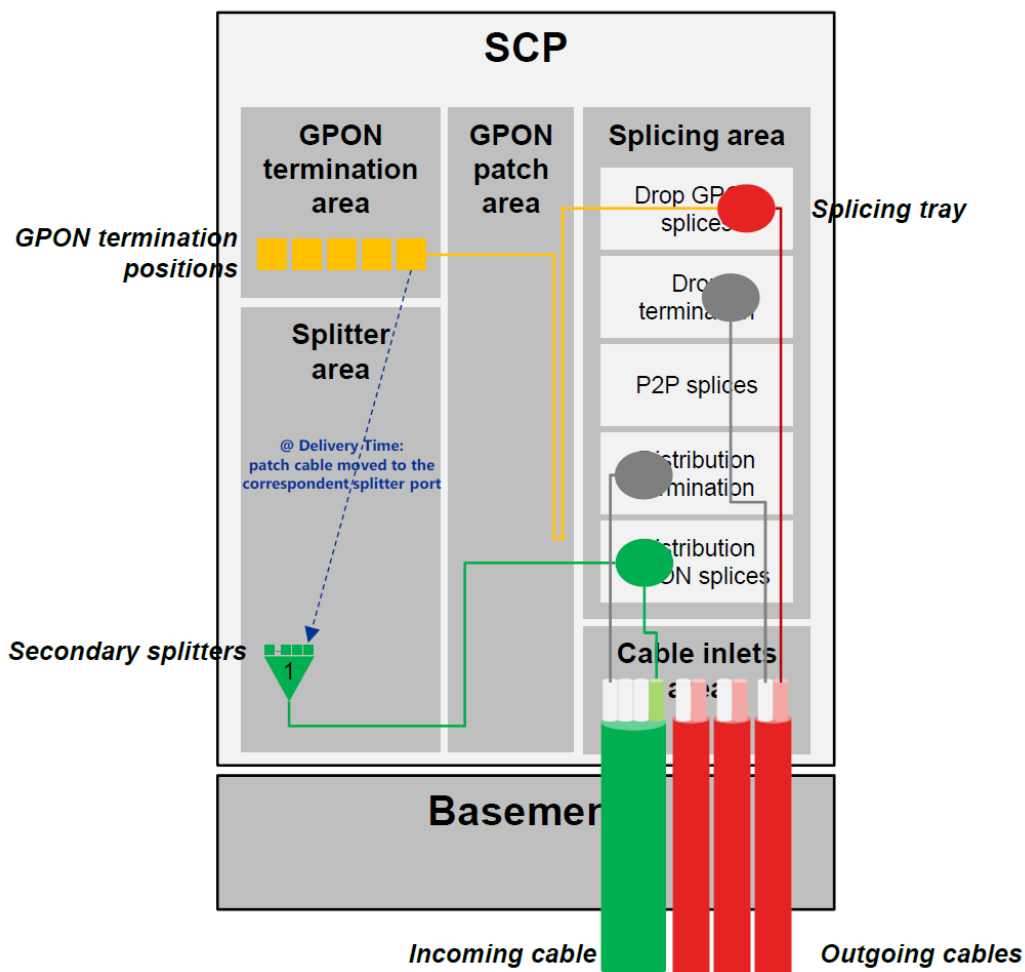
Date: 11/04/2023

C. RFID and LABELS

The product will be equipped with the following:

- adhesive RFID identification tag applied inside the door handle;
- numeration and labeling of the splitters, connectors and splice trays according to specification;
- numeration and labeling of the splitters positions and parking areas according to specification;
- label on the door with
 - batch number consisting of the month and the last two digits of the year of production
 - supplier acronym and logo
- NON-removable label with permanent ink with QRcode with supplier information and operating manuals;
- NON-removable label with permanent ink customizable on-field with format ##x##
- NON-removable label with permanent ink with PPC logo (will be defined prior product order)
- External door labeled with the warning laser beam icon (UNI EN ISO 7010-2012)

D. FUNCTIONAL DIAGRAM



Date: 11/04/2023

3 Technical data sheets of the passive components

3.1 Pigtails

Loose buffer pigtails, SC/APC, G657A1 fiber, $\varnothing 1.6 \pm 0.2$ mm, total length 2.9 m (1.7 m will in the splice tray), yellow LSZH.



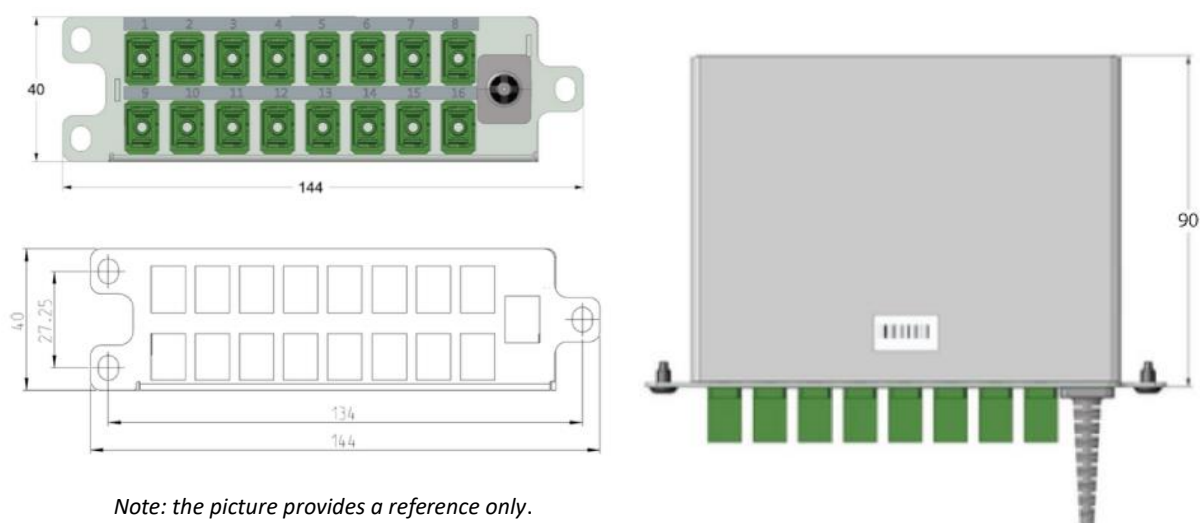
Note: The picture provides a reference only.

Technical Characteristics for Connectors:

Technical data	
Fiber type	SM
Connector type	SC
Grinding type	APC
Insertion loss(dB)	≤ 0.3
Return loss(dB)	≥ 60
Operation temperature(°C)	-40°C to +80°C
Longevity	> 500 times
Standard	IEC61754-04

3.2 Splitters

Secondary Splitter 1*16, SC/APC adapter, input port with 1 red color pigtail, OD:1.6±0.2mm,length 3m,G657A1 fiber,PVC



Note: the picture provides a reference only.

Date: 11/04/2023

Type	1X16
Channel wavelength(nm)	1260-1650
Insertion loss(dB)	≤13.3
Loss Uniformity (dB)	≤0.9
Return loss (dB)	≥55
Polarization dependent loss(dB)	≤0.5
Directivity(dB)	≥55
Operating temperature (°C)	-40~+85
Storage temperature(°C)	-40~+85
Note1: Focus on uniform distribution device; the fiber type is single-mode optical fiber.	
Note2: All parameter tests without connectors.	

- Installed in optical cross connecting cabinet and splitting box. The color can be adjusted according to customers' requirements.
- Small size and aesthetic appearance.
- Installation quick, reliable performance, stability.
- Employ integrated optic production process.
- Wide operating wavelength range.
- Good uniformity, in particular the application of PON.
- The module is made of galvanized sheet.
- Dimensions: 144 x 40 x 90mm (W x H x D)

Date: 11/04/2023

4 Compliance

Doc name	Chapter	Req. #	Product ID req	Details	Values	Suppliers value	Compliance	Notes
Technical Specification 06 - SCP	Chap.2	R.1.a	SCP	SCP-R.1.a	The SCP must allow: The termination of the	YES	Compliant	
Technical Specification 06 - SCP	Chap.2	R.1.b	SCP	SCP-R.1.b	The SCP must allow: The hosting of the second	YES	Compliant	
Technical Specification 06 - SCP	Chap.2	R.1.c	SCP	SCP-R.1.c	The SCP must allow: The termination of the	YES	Compliant	
Technical Specification 06 - SCP	Chap.2	R.1.d	SCP	SCP-R.1.d	The SCP must allow: The connection between	YES	Compliant	
Technical Specification 06 - SCP	Chap.2	R.2	SCP	SCP-R.2	SCP distribution frame cabinet must allow t	YES	Compliant	
Technical Specification 06 - SCP	Chap.2	R.3	SCP	SCP-R.3	SCP must also allow the creation of P2P con	YES	Compliant	
Technical Specification 06 - SCP	Chap.2	R.4	SCP	SCP-R.4	SCP must contain up to 24 1:16 secondary sp	YES	Compliant	
Technical Specification 06 - SCP	Chap.2	R.5.a	SCP	SCP-R.5.a	SCP must meet the following environmental r	-40°C ~ +60°C	Compliant	
Technical Specification 06 - SCP	Chap.2	R.5.b	SCP	SCP-R.5.b	SCP must meet the following environmental r	-25°C ~ +60°C	Compliant	
Technical Specification 06 - SCP	Chap.2	R.5.c	SCP	SCP-R.5.c	SCP must meet the following environmental r	≤95%RH	Compliant	
Technical Specification 06 - SCP	Chap.2	R.6.a	SCP	SCP-R.6.a	Cabinet of one of the following two types: YES	YES	Compliant	
Technical Specification 06 - SCP	Chap.2	R.6.b	SCP	SCP-R.6.b	Cabinet of one of the following two types: YES	YES	Compliant	
Technical Specification 06 - SCP	Chap.2	R.7	SCP	SCP-R.7	Indicative dimensions for SCP cabinet of ty	YES	Compliant	
Technical Specification 06 - SCP	Chap.2	R.8	SCP	SCP-R.8	Lower cable handling compartment, with a he	YES	Compliant	
Technical Specification 06 - SCP	Chap.2	R.9	SCP	SCP-R.9	Aluminum Alloy chassis with a degree of pro	YES	Compliant	
Technical Specification 06 - SCP	Chap.2	R.10	SCP	SCP-R.10	Resistance to atmospheric agents (IEC61300-1	YES	Compliant	
Technical Specification 06 - SCP	Chap.2	R.11	SCP	SCP-R.11	Grey coloured	YES	Compliant	
Technical Specification 06 - SCP	Chap.2	R.12	SCP	SCP-R.12	Deliverable with custom RAL (e.g., 7035) up	YES	Compliant	
Technical Specification 06 - SCP	Chap.2	R.13	SCP	SCP-R.13	Front door hinged on the left, having handl	YES	Compliant	
Technical Specification 06 - SCP	Chap.2	R.14	SCP	SCP-R.14	Cabinet closing system equipped with a lock	YES	Compliant	
Technical Specification 06 - SCP	Chap.2	R.15	SCP	SCP-R.15	Unified key, with "European 333" EN 1303	YES	Compliant	
Technical Specification 06 - SCP	Chap.2	R.16	SCP	SCP-R.16	Perimeter seal of the front door and the lo	-40 to +90 ° C	Compliant	
Technical Specification 06 - SCP	Chap.2	R.17	SCP	SCP-R.17	Future expansion in height ready, by remov	YES	Compliant	
Technical Specification 06 - SCP	Chap.2	R.18	SCP	SCP-R.18	Compliant to the Directive of the European	YES	Compliant	
Technical Specification 06 - SCP	Chap.2	R.19.a	SCP	SCP-R.19.a	SCP must allow the management of incoming	YES	Compliant	
Technical Specification 06 - SCP	Chap.2	R.19.b	SCP	SCP-R.19.b	SCP must allow the management of incoming	YES	Compliant	
Technical Specification 06 - SCP	Chap.2	R.19.c	SCP	SCP-R.19.c	SCP must allow the management of incoming	YES	Compliant	
Technical Specification 06 - SCP	Chap.2	R.20	SCP	SCP-R.20	The base of the SCP must incorporate a seri	YES	Compliant	
Technical Specification 06 - SCP	Chap.2	R.21	SCP	SCP-R.21	The cabinet must allow the management of ou	YES	Compliant	
Technical Specification 06 - SCP	Chap.2	R.22	SCP	SCP-R.22	The possible sizes of the outgoing Distrib	YES	Compliant	
Technical Specification 06 - SCP	Chap.2	R.23.a	SCP	SCP-R.23.a	The number of outgoing Distribution/Drop ca	YES	Compliant	
Technical Specification 06 - SCP	Chap.2	R.23.b	SCP	SCP-R.23.b	The number of outgoing Distribution/Drop ca	YES	Compliant	
Technical Specification 06 - SCP	Chap.2	R.24	SCP	SCP-R.24	Inlets must be capable of handling Distrib	YES	Compliant	
Technical Specification 06 - SCP	Chap.2	R.25	SCP	SCP-R.25	Inlets must be equipped with mechanical sea	YES	Compliant	
Technical Specification 06 - SCP	Chap.2	R.26	SCP	SCP-R.26	Cable must be fixed inside the closure with	YES	Compliant	
Technical Specification 06 - SCP	Chap.2	R.27	SCP	SCP-R.27	Mechanical fixing means must be suitable fo	YES	Compliant	
Technical Specification 06 - SCP	Chap.2	R.28	SCP	SCP-R.28	Inlets sealing, cables fixing, and box clos	YES	Compliant	
Technical Specification 06 - SCP	Chap.2	R.29	SCP	SCP-R.29	SCP must be able to manage the termination	YES	Compliant	
Technical Specification 06 - SCP	Chap.2	R.30	SCP	SCP-R.30	SCP internal design must ensure that all th	YES	Compliant	
Technical Specification 06 - SCP	Chap.2	R.31	SCP	SCP-R.31	SCP internal design must guarantee that all	YES	Compliant	
Technical Specification 06 - SCP	Chap.2	R.32	SCP	SCP-R.32	SCP internal design must ensure a safe and	YES	Compliant	
Technical Specification 06 - SCP	Chap.2	R.33	SCP	SCP-R.33	In case of mid-span the access to one or se	YES	Compliant	
Technical Specification 06 - SCP	Chap.2	R.34	SCP	SCP-R.34	On the internal side, SCP must be equippe	YES	Compliant	

Date: 11/04/2023

Technical Specification 06 – SCP	Chap. 2	R. 35	SCP	SCP-R. 35	The frame structure, through splicing trays	YES	YES	Compliant	
Technical Specification 06 – SCP	Chap. 2	R. 36	SCP	SCP-R. 36	The installation of the cables must be done	YES	YES	Compliant	
Technical Specification 06 – SCP	Chap. 2	R. 37	SCP	SCP-R. 37	During the openings and closings of the cabinet	YES	YES	Compliant	
Technical Specification 06 – SCP	Chap. 2	R. 38	SCP	SCP-R. 38	SCP internal trays must be made of PC+ABS	YES	YES	Compliant	
Technical Specification 06 – SCP	Chap. 2	R. 39	SCP	SCP-R. 39	SCP internal metal structural parts must be	YES	YES	Compliant	
Technical Specification 06 – SCP	Chap. 2	R. 40	SCP	SCP-R. 40	The thickness of metal components inside the	1.0mm, 1.5	1.0mm	Not Compliant	The thickness of the trays and the material in the optical cable fixing device is 1.0mm
Technical Specification 06 – SCP	Chap. 2	R. 41	SCP	SCP-R. 41	All the materials used in all parts must have	YES	YES	Compliant	
Technical Specification 06 – SCP	Chap. 2	R. 42	SCP	SCP-R. 42	Closure must have different types of splicing	30mm	30mm	Compliant	
Technical Specification 06 – SCP	Chap. 2	R. 43. a	SCP	SCP-R. 43. a	Trays must allow the management and protect	YES	YES	Compliant	
Technical Specification 06 – SCP	Chap. 2	R. 43. b	SCP	SCP-R. 43. b	Trays must allow the management and protect	YES	YES	Compliant	
Technical Specification 06 – SCP	Chap. 2	R. 43. c	SCP	SCP-R. 43. c	Trays must allow the management and protect	YES	YES	Compliant	
Technical Specification 06 – SCP	Chap. 2	R. 43. d	SCP	SCP-R. 43. d	Trays must allow the management and protect	YES	YES	Compliant	
Technical Specification 06 – SCP	Chap. 2	R. 43. e	SCP	SCP-R. 43. e	Trays must allow the management and protect	YES	YES	Compliant	
Technical Specification 06 – SCP	Chap. 2	R. 44	SCP	SCP-R. 44	Trays must be numbered (e.g., 01, 02, 03, ...)	YES	YES	Compliant	
Technical Specification 06 – SCP	Chap. 2	R. 45	SCP	SCP-R. 45	Splicing trays must be equipped with splice	2.4mm	2.4mm	Compliant	
Technical Specification 06 – SCP	Chap. 2	R. 46	SCP	SCP-R. 46	Each splicing tray must accommodate up to 15	YES	YES	Compliant	
Technical Specification 06 – SCP	Chap. 2	R. 47	SCP	SCP-R. 47	Trays must allow the orderly housing of past	YES	YES	Compliant	
Technical Specification 06 – SCP	Chap. 2	R. 48	SCP	SCP-R. 48	Trays must be capable of hosting, for each	YES	YES	Compliant	
Technical Specification 06 – SCP	Chap. 2	R. 49	SCP	SCP-R. 49	Trays must allow to fix loose tubes at the	YES	YES	Compliant	
Technical Specification 06 – SCP	Chap. 2	R. 50	SCP	SCP-R. 50	Trays must not be covered but the top one	YES	YES	Compliant	
Technical Specification 06 – SCP	Chap. 2	R. 51	SCP	SCP-R. 51	Tray bracket must provide turning mechanism	140°, 90° ~ 140°, 90°	140°, 90°	Compliant	
Technical Specification 06 – SCP	Chap. 2	R. 52	SCP	SCP-R. 52	Trays must be plugplay within the metallic	YES	YES	Compliant	
Technical Specification 06 – SCP	Chap. 2	R. 53	SCP	SCP-R. 53	SCP must be equipped with an RFID tag (ISO-)	YES	YES	Compliant	
Technical Specification 06 – SCP	Chap. 2	R. 54	SCP	SCP-R. 54	The RFID tag must be of the adhesive type	YES	YES	Compliant	
Technical Specification 06 – SCP	Chap. 2	R. 55. a	SCP	SCP-R. 55. a	SCP internal door must be labelled with the	YES	YES	Compliant	
Technical Specification 06 – SCP	Chap. 2	R. 55. b	SCP	SCP-R. 55. b	SCP internal door must be labelled with the	YES	YES	Compliant	
Technical Specification 06 – SCP	Chap. 2	R. 56	SCP	SCP-R. 56	SCP internal door must be labelled with non-	YES	YES	Compliant	
Technical Specification 06 – SCP	Chap. 2	R. 57	SCP	SCP-R. 57	SCP internal door must be labelled with non-	YES	YES	Compliant	
Technical Specification 06 – SCP	Chap. 2	R. 58	SCP	SCP-R. 58	SCP external door must be labelled with the	YES	YES	Compliant	
Technical Specification 06 – SCP	Chap. 2	R. 59	SCP	SCP-R. 59	SCP must be labelled with a non-removable	YES	YES	Compliant	
Technical Specification 06 – SCP	Chap. 2	R. 60	SCP	SCP-R. 60	Each SCP must be packaged individually before	YES	YES	Compliant	
Technical Specification 06 – SCP	Chap. 2	R. 61	SCP	SCP-R. 61	SCP packaging must protect the product again	YES	YES	Compliant	
Technical Specification 06 – SCP	Chap. 2	R. 62. a	SCP	SCP-R. 62. a	For each SCP the packaging must include Pad	YES	YES	Compliant	
Technical Specification 06 – SCP	Chap. 2	R. 62. b	SCP	SCP-R. 62. b	For each SCP the packaging must include The	YES	YES	Compliant	
Technical Specification 06 – SCP	Chap. 2	R. 62. c	SCP	SCP-R. 62. c	For each SCP the packaging must include Prod	YES	YES	Compliant	

Date: 11/04/2023

Technical Specification 06 – SCP	Chap. 2	R. 62. d	SCP	SCP-R. 62. d	For each SCP the packaging must include Test	YES	Compliant
Technical Specification 06 – SCP	Chap. 2	R. 62. e	SCP	SCP-R. 62. e	For each SCP the packaging must include Det	YES	Compliant
Technical Specification 06 – SCP	Chap. 2	R. 62. f	SCP	SCP-R. 62. f	For each SCP the packaging must include Vid	YES	Compliant
Technical Specification 06 – SCP	Chap. 2	R. 62. g	SCP	SCP-R. 62. g	For each SCP the packaging must include Com	YES	Compliant
Technical Specification 06 – SCP	Chap. 2	R. 62. h	SCP	SCP-R. 62. h	For each SCP the packaging must include Pro	YES	Compliant
Technical Specification 06 – SCP	Chap. 2	R. 62. i	SCP	SCP-R. 62. i	For each SCP the packaging must include Pro	YES	Compliant
Technical Specification 06 – SCP	Chap. 2	R. 62. j	SCP	SCP-R. 62. j	For each SCP the packaging must include Saf	YES	Compliant
Technical Specification 06 – SCP	Chap. 2	R. 62. k	SCP	SCP-R. 62. k	For each SCP the packaging must include Lif	YES	Compliant
Technical Specification 06 – SCP	Chap. 2	R. 62. l	SCP	SCP-R. 62. l	For each SCP the packaging must include Nec	YES	Compliant
Technical Specification 06 – SCP	Chap. 2	R. 62. m	SCP	SCP-R. 62. m	For each SCP the packaging must include Qua	YES	Compliant
Technical Specification 06 – SCP	Chap. 3	R. 63	SCP	SCP-R. 63	SCP must include the functional areas shown	YES	Compliant
Technical Specification 06 – SCP	Chap. 3	R. 64	SCP	SCP-R. 64	GPON termination area: Area dedicated to the	YES	Compliant
Technical Specification 06 – SCP	Chap. 3	R. 65	SCP	SCP-R. 65	Splitter area: Area dedicated to splitters	YES	Compliant
Technical Specification 06 – SCP	Chap. 3	R. 66. a	SCP	SCP-R. 66. a	256 GPON semi-connectorized patch cables must	YES	Compliant
Technical Specification 06 – SCP	Chap. 3	R. 66. b	SCP	SCP-R. 66. b	GPON semi-connectorized patch cables must	YES	Compliant
Technical Specification 06 – SCP	Chap. 3	R. 66. c	SCP	SCP-R. 66. c	During activation, the patch corresponding	YES	Compliant
Technical Specification 06 – SCP	Chap. 3	R. 66. d	SCP	SCP-R. 66. d	GPON semi-connectorized patch cables must	YES	Compliant
Technical Specification 06 – SCP	Chap. 3	R. 66. e	SCP	SCP-R. 66. e	GPON semi-connectorized patch cables must	YES	Compliant
Technical Specification 06 – SCP	Chap. 3	R. 66. f	SCP	SCP-R. 66. f	Each GPON semi-connectorized patch cable must	YES	Compliant
Technical Specification 06 – SCP	Chap. 3	R. 66. g	SCP	SCP-R. 66. g	GPON semi-connectorized patch cables must	70N	Compliant
Technical Specification 06 – SCP	Chap. 3	R. 66. h	SCP	SCP-R. 66. h	GPON patch area (including accessories for	YES	Compliant
Technical Specification 06 – SCP	Chap. 3	R. 66. i	SCP	SCP-R. 66. i	GPON semi-connectorized patch cables must	YES	Compliant
Technical Specification 06 – SCP	Chap. 3	R. 67. a	SCP	SCP-R. 67. a	Distribution GPON splices area: this area	YES	Compliant
Technical Specification 06 – SCP	Chap. 3	R. 67. b	SCP	SCP-R. 67. b	Aggregation GPON splices area: this area	YES	Compliant
Technical Specification 06 – SCP	Chap. 3	R. 67. c	SCP	SCP-R. 67. c	Aggregation termination area: this area	YES	Compliant
Technical Specification 06 – SCP	Chap. 3	R. 67. d	SCP	SCP-R. 67. d	P2P splices area: this area contains the	P2P	Compliant
Technical Specification 06 – SCP	Chap. 3	R. 67. e	SCP	SCP-R. 67. e	Distribution termination area: this area	YES	Compliant
Technical Specification 06 – SCP	Chap. 3	R. 68. a	SCP	SCP-R. 68. a	Distribution GPON splices area: 22 blue trays	YES	Compliant
Technical Specification 06 – SCP	Chap. 3	R. 68. b	SCP	SCP-R. 68. b	Aggregation GPON splices area: 2 grey trays	YES	Compliant
Technical Specification 06 – SCP	Chap. 3	R. 68. c	SCP	SCP-R. 68. c	Aggregation termination area: 3 yellow trays	YES	Compliant
Technical Specification 06 – SCP	Chap. 3	R. 68. d	SCP	SCP-R. 68. d	P2P splices area: 9 red trays.	YES	Compliant
Technical Specification 06 – SCP	Chap. 3	R. 68. e	SCP	SCP-R. 68. e	Distribution termination area: 20 blue trays	YES	Compliant
Technical Specification 06 – SCP	Chap. 3	R. 69. a	SCP	SCP-R. 69. a	1 oval inlet with diameter suitable for the	YES	Compliant
Technical Specification 06 – SCP	Chap. 3	R. 69. b	SCP	SCP-R. 69. b	SCP must be supplied with: In case of Stand	YES	Compliant
Technical Specification 06 – SCP	Chap. 3	R. 69. c	SCP	SCP-R. 69. c	In case of Underground SCP (type 2), at least	YES	Compliant
Technical Specification 06 – SCP	Chap. 3	R. 70. a	SCP	SCP-R. 70. a	GPON patch cables: each connector of the us	YES	Compliant
Technical Specification 06 – SCP	Chap. 3	R. 70. b	SCP	SCP-R. 70. b	Splitter: the splitters must be numbered	YES	Compliant
Technical Specification 06 – SCP	Chap. 3	R. 70. c	SCP	SCP-R. 70. c	Splitter positions: the splitter housing pos	YES	Compliant
Technical Specification 06 – SCP	Chap. 3	R. 70. d	SCP	SCP-R. 70. d	Splicing trays: the splicing trays within	YES	Compliant
Technical Specification 06 – SCP	Chap. 3	R. 71	SCP	SCP-R. 71	SCP must be supplied full featured with all	YES	Compliant
Technical Specification 06 – SCP	Chap. 3	R. 72. a	SCP	SCP-R. 72. a	The following parts/accessories must always	YES	Not Compliant
Technical Specification 06 – SCP	Chap. 3	R. 72. b	SCP	SCP-R. 72. b	The following parts/accessories must always	YES	Compliant
Technical Specification 06 – SCP	Chap. 3	R. 72. c	SCP	SCP-R. 72. c	The following parts/accessories must always	YES	Compliant

Date: 11/04/2023

Technical Specification 06 – SCP	Chap. 3	R. 72. d	SCP	SCP-R. 72. d	The following parts/accessories must always	YES	Compliant
Technical Specification 06 – SCP	Chap. 3	R. 72. e	SCP	SCP-R. 72. e	The following parts/accessories must always	YES	Compliant
Technical Specification 06 – SCP	Chap. 3	R. 72. f	SCP	SCP-R. 72. f	The following parts/accessories must always	YES	Compliant
Technical Specification 06 – SCP	Chap. 4	R. 73	SCP	SCP-R. 73	The state of the surfaces and the finishing	YES	Compliant
Technical Specification 06 – SCP	Chap. 4	R. 74	SCP	SCP-R. 74	The compliance of the product with the maxi	YES	Compliant
Technical Specification 06 – SCP	Chap. 4	R. 75	SCP	SCP-R. 75	The presence of identification elements (la	YES	Compliant
Technical Specification 06 – SCP	Chap. 4	R. 76	SCP	SCP-R. 76	The cabinet is subjected to 20 thermal cycl	YES	Compliant
Technical Specification 06 – SCP	Chap. 4	R. 77	SCP	SCP-R. 77	The test must be conducted according to the	YES	Compliant
Technical Specification 06 – SCP	Chap. 4	R. 78	SCP	SCP-R. 78	The cabinet structure is subjected to expos	YES	Compliant
Technical Specification 06 – SCP	Chap. 4	R. 79	SCP	SCP-R. 79	The test must be conducted according to the	YES	Compliant
Technical Specification 06 – SCP	Chap. 4	R. 80	SCP	SCP-R. 80	The cabinet structure is subjected to a cor	YES	Compliant
Technical Specification 06 – SCP	Chap. 4	R. 81	SCP	SCP-R. 81	The test must be carried out according to t	YES	Compliant
Technical Specification 06 – SCP	Chap. 4	R. 82	SCP	SCP-R. 82	The difference between the attenuation val	0.1 dB	Compliant
Technical Specification 06 – SCP	Chap. 4	R. 83. a	SCP	SCP-R. 83. a	The SCP must be wired as described in 4. 2. 3	YES	Compliant
Technical Specification 06 – SCP	Chap. 4	R. 83. b	SCP	SCP-R. 83. b	The SCP must be wired as described in 4. 2. 3	YES	Compliant
Technical Specification 06 – SCP	Chap. 4	R. 84	SCP	SCP-R. 84	During the execution time of the test there	$\geq 0.3 \text{ dB}, \leq 0.05$	Compliant
Technical Specification 06 – SCP	Chap. 4	R. 85	SCP	SCP-R. 85	The attenuation transient must be measured,	YES	Compliant
Technical Specification 06 – SCP	-	Q. 1	SCP	SCP-Q. 1	Please list the available color customizations for th	RAL7035	Compliant

Date: 11/04/2023

5 Factory Inspection & Test Plan (ITP)

Manufacturer: Zhongtian Broadband Technology Co., Ltd			Specification No. 22-XJ18982						
Project:			Date and rev: 2023.02.18/ rev: 01						
S/N	Inspection Items	Remark	Type of Check	Accepted Standard	Record	Test Date	Manufacturer	TPI	Owner
1	Appearance	N/A	Visual inspection and Measurement	IEC 61300-3-1	Test Report	TBD	H	W	R
2	Optical Performance	N/A	Measurement	IEC61300-3/IEC61754-04	Test Report	TBD	H	W	R
3	IP65	N/A	Measurement	IEC60529	Test Report	TBD	H	W	R
4	IK10	N/A	Measurement	IEC62262	Test Report	TBD	H	W	R
Note 1: R- Review W- Witness H-Hold									