

ATB2120-T-1-SC/APC Datasheet 01

Building an Efficient Fiber Infrastructure.

Overview

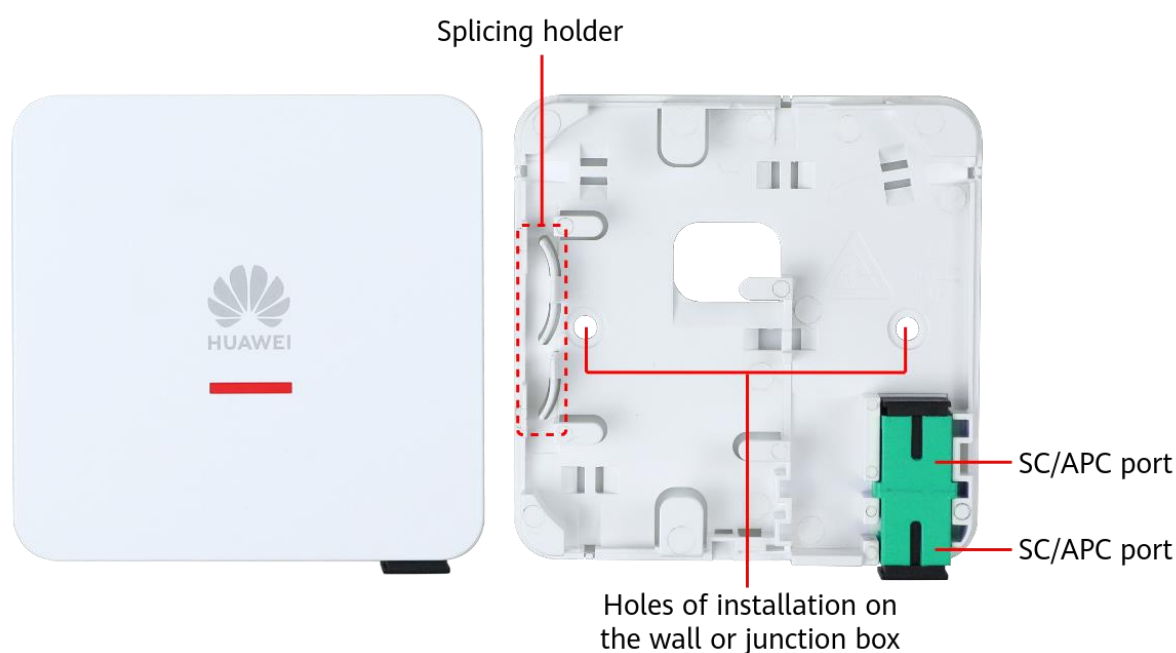
The ATB2120-T-1-SC/APC indoor optical sockets are passive optical access points that connect indoor fixed optical cables to FTTR devices on Huawei fiber to the room (FTTR) networks. The products can be installed on indoor walls or in junction boxes.

Features & Benefits

- Superior quality, Romantic appearance
- Wall-mounted and junction box installation, flexible and simple
- 13.5 mm ultra-thin
- Cable inlet from all directions
- Proper internal space planning

Structure

ATB2120-T-1-SC/APC



Specifications

Model	ATB2120-T-1-SC/APC
Dimensions (H x W x D, mm)	86 x 86 x 13.5
Net weight (g)	47.6
Installation mode	Indoor wall-mounted * or on a junction box (86 mm)
Splicing capacity	1 core
Optical cable inlet	Cables can be routed in from the top, bottom, left, right, and rear. The supported optical cables include 1.2 mm x 1.6 mm transparent optical cables and 2 mm x 1.6 mm terminal flexible optical cables.
Length of splicing protection tube	40 mm to 45 mm
Optical cable storage capacity *	• Coils one 1.2 m long transparent optical cable (1.2 mm x 1.6 mm) and one 0.4 m long pigtail (Φ2 mm) after splicing. • Coils one 0.6 m long terminal flexible optical cable (2 mm x 1.6 mm) and one 0.2 m long pigtail (Φ2 mm) after splicing.
Adapter	1 PCS SC/APC-SC/APC
Supported connector types	• ATB inner side: supports common SC connectors or FMCs (the distance between the end face and the root of the tail ferrule does not exceed 56 mm). • ATB external side: supports common SC connectors.
Material	PC + ABS
Color	White (YB816)
Flame-retardant rating	UL94-V0
Resisting impact	IK07

NOTICE

1. Wall-mounted *: Refers to installation on a vertical wall, not a ceiling.
2. Optical cable storage capacity *: Length of optical cables in the ATB. The extra optical cable are stored in the junction box (86 mm).
3. If an FMC is used, the length of the FMC must be less than or equal to 56 mm, and the maximum thickness of the FMC tail sleeve must be less than or equal to 9.6 mm.
4. A product with manufacturing date earlier than December 2022 (included) does not support FMCs with tail sleeves thicker than 8 mm. In this case, use the splicing solution.



Manufacturing date

Environment Specifications

Storage temperature range	–40°C to +70°C
Working temperature range	–25°C to +60°C
Working humidity	5% RH to 95% RH
Atmospheric pressure	70 kPa to 106 kPa

Adapter Performance Parameters

Typical insertion loss (dB)	0.1
Max. insertion loss (dB)	0.2
Mating durability	> 200 times

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