INDOOR TERMINAL BOX 6 PORTS

AR-TB-I-6P-TE

DESCRIPTION

Optical distribution box as the most advanced FTTX network distribution node equipment, provide quick and reliable connection, good protection and management for the FTTX network.

Production Type	Classification
AR-TB-I-6P-TE	Fiber optic cable distribution box

STANDARDS COMPLY

The production offered by ARTIC are designed, manufactured and tested according to the standards as follows:

| IEC 62134-1-2002	Fiber optic enclosures - Part 1: Generic specification
IEC61300-2	Fiber optic interconnecting devices and passive components - Basic test and measurement procedures
IEC60068-2	Basic environmental testing procedures for electric and electronic products

APPLICATIONS ENVIRONMENT

Item	Value
Operation temperature	-20 ºC～+60 ºC
Installation temperature	-15 ºC～+40 ºC
Storage temperature	-40 ºC～+70 ºC
Relative Humidity	≤85% (+30℃)
Atmospheric pressure	70KPa~106Kpa

CHARACTERISTICS

1. Advanced structure design, Small size and reasonable structure.
2. Material: PC+ABS, high strength engineering plastics.
3. Moisture proof, waterproof, dust-proof, anti-aging.
4. Protection level up to IP65.
5. Supports splicing-only, or integrated splicing and termination(after upgrade).
6. Supports for air blown micro-cable.
7. Installation method: wall-mounted.

SPECIFICATION

Mechanical specifications
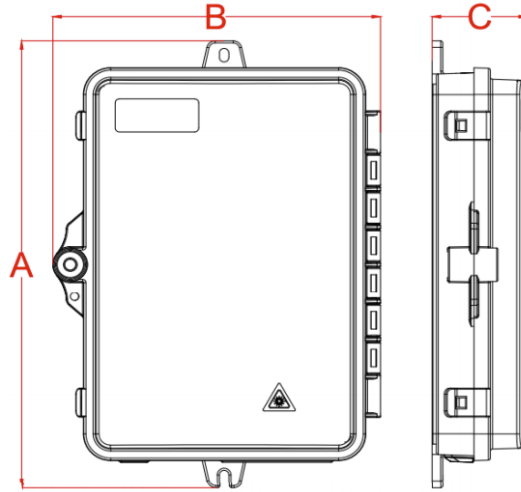
Pic.2 AR-TB-I-6P-TE dimensions

Item	Specifications	Remark
Material of housing	PC+ABS	
Material of internal components	ABS	
Material of metal accessory	High-quality stainless steel	
External dimension (mm)	190*140*40	A*B*C
Color	Grey RAL7035	
Number of cable port	2	1 on top and 1 on bottom
Fiber cable diameter of the uncut pass throghport (mm	Φ7 (Max)	
Number of adaptors	6	SC/APC
Splitter	/	
IP Grade	IP65	
Flammability	UL94-V0	
Neutral salt spray test (NSS)	120h	

Optical specifications

Model	Adaptor description	IL(dB)	Test method
AR-TB-I-6P-TE	SC Adaptor	≤0.3	IL: IEC61300-3-4 Method B

ROUTING DIAGRAM
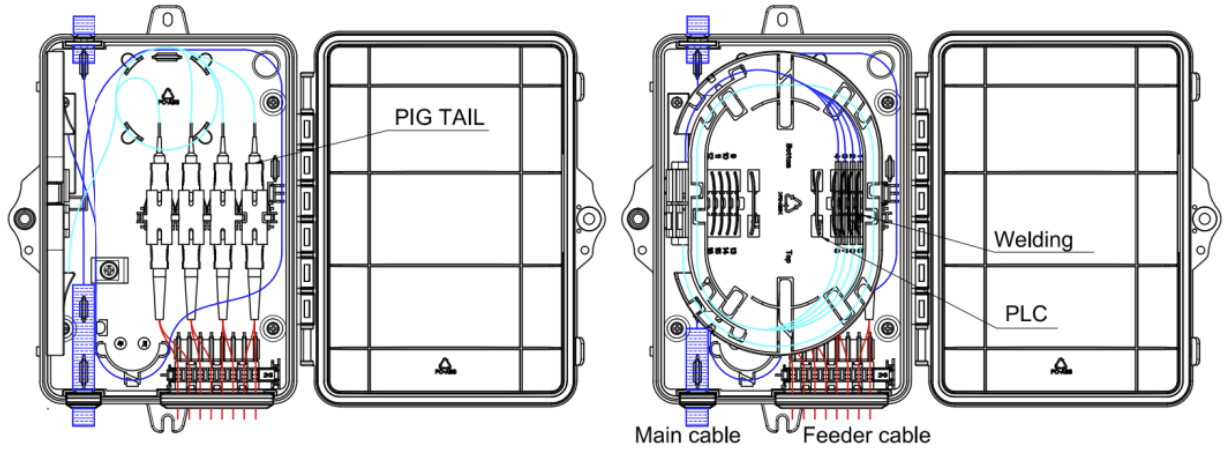
Pic.3 AR-TB-I-6P-TE routing

CONFIGURATION

Main parts

No.	Part name	Unit	Quantity	Remark
1	Box bottom	pcs	1	
2	Box cover	pcs	1	
3	Adaptor	pcs	4	SC/APC
4	Splicing tray	pcs	1	
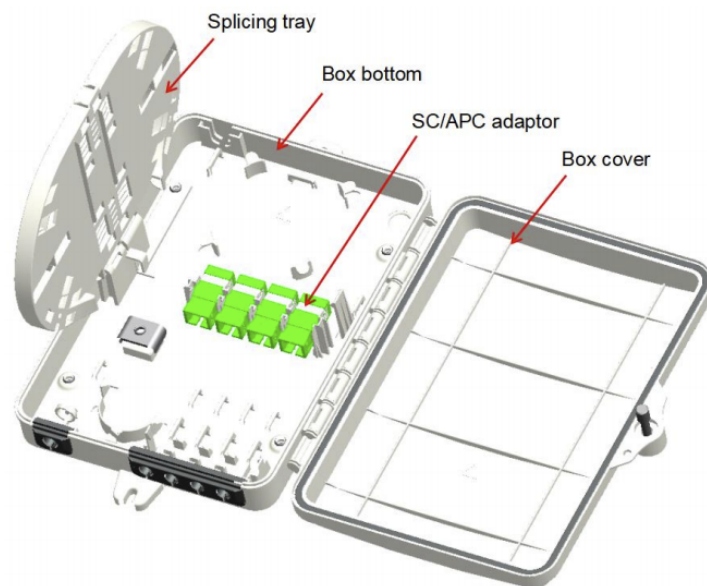
Pic.4 AR-TB-I-6P-TE Main part

Accessories

| No.	Part name	Unit	Quantity	Remark
1	Packing list	pcs	1	EN
2	Wall-mounted kit	set	1	
3	Sealing mire	pcs	1	
4	Cable tie	pcs	13	
5	Splice protection sleeve	pcs	4	

Reference Picture

| 1 | 2 | 3 | 4 | 5 |

INSTALLATION

Wall-mounted installation

Drill 2 holes in the wall according to the dimension in table 2, place the expansion plug Φ6.0*30, place the box to match up the holes and use screws to fasten. (Pic.5)
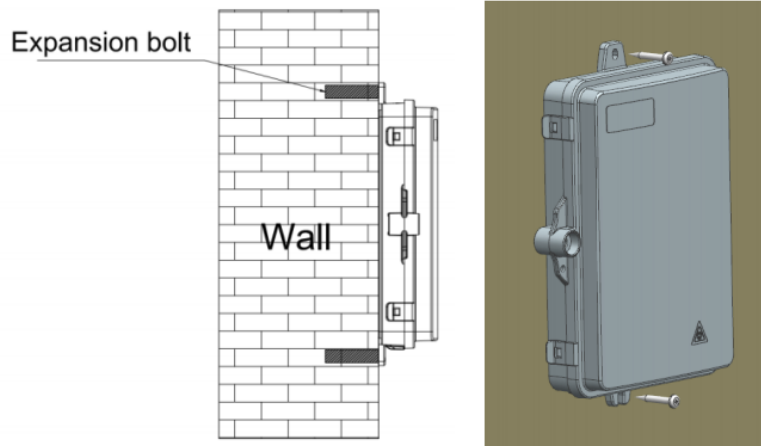
Pic.5 AR-TB-I-6P-TE Wall-mounted installation

PACKAGE

Item	Material	Size (mm)	Quantity	Gross weight(kg)
Independent product packaging	Carton	240*175*45	1	0.5
Outer packaging carton	Carton	520*380*530	40	20.6