



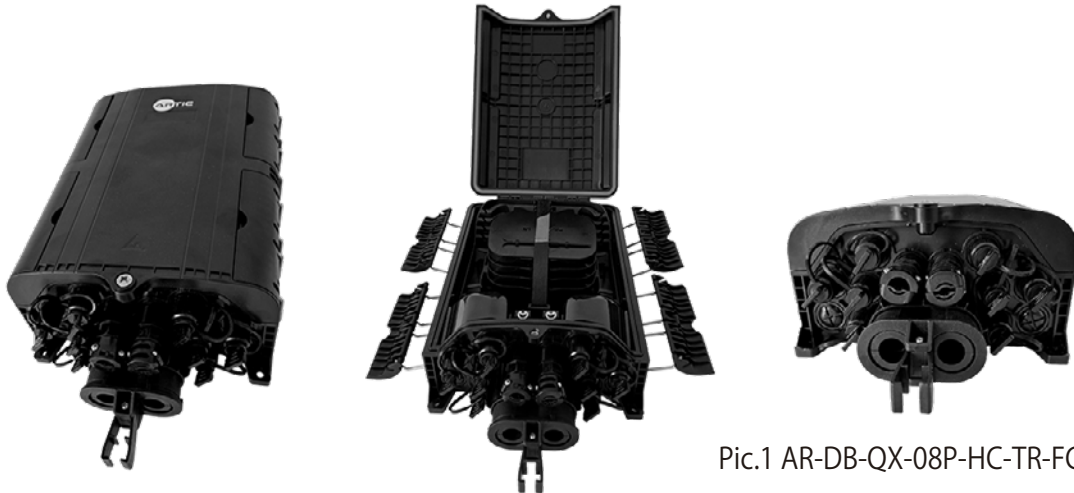
DISTRIBUTION BOX
QX 8 PORT
HARD CONNECT
FAST CONNECT
COMPATIBLE - IP68

AR-DB-QX-08P-HC-TR-FC

DESCRIPTION

Pre-connectorized 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-DB-QX-08P-HC-TR-FC	Pre-connectorized fiber optic cable distribution box



Pic.1 AR-DB-QX-08P-HC-TR-FC

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
IEC 61300-2	Fiber optic interconnecting devices and passive components - Basic test and measurement procedures
IEC 60068-2	Basic environmental testing procedures for electric and electronic products

APPLICATIONS ENVIRONMENT

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

Item	Value
Operation environment	-40°C~+70°C
Installation temperature	-15 °C~+40 °C
Storage temperature	-40 °C~+70 °C
Relative humidity	≤85% (+30°C)
Atmospheric pressure	70KPa~106Kpa

CHARACTERISTICS

1. Advanced structure design, easy operation and reasonable routing.
2. Material: PP.
3. Moisture proof, waterproof, dust-proof, anti-aging.
4. Protection level up to IP68.
5. 1 oval optical cable entry, 2 branch optical cable entries and 8 pre-connected adapters.
6. 4 types of tray are optional, which can be configured according to requirements, and even 2 types of tray can be mixed installation.
7. Installation method: pole-mounted, aerial-mounted, wall-mounted, hand hole, man hole.
8. It can be equipped with drop cable storage tray to meet the storage of 50 meters 5mm round cable.

SPECIFICATIONS

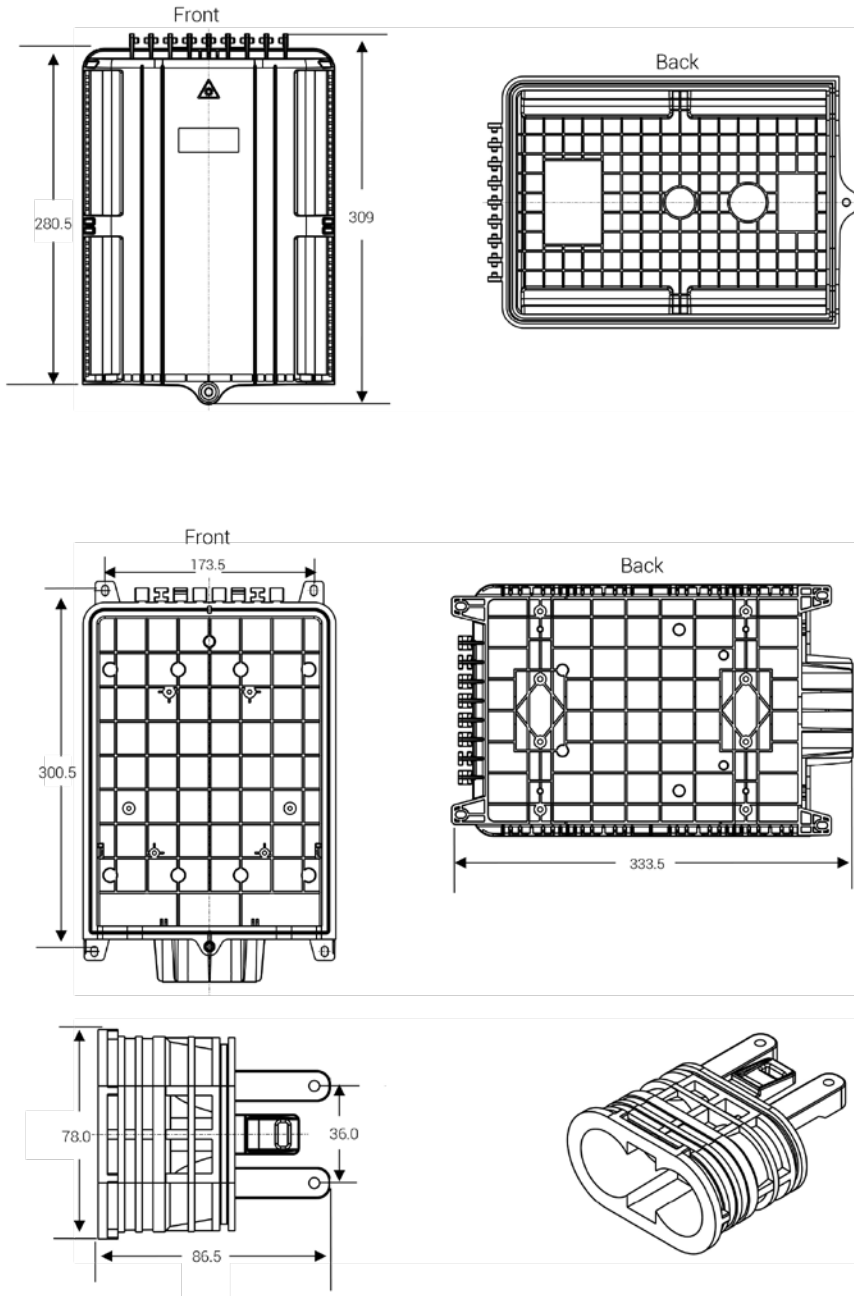
Mechanical specifications

Item	Specifications
Material of Case	Alloy
Inside of Splice Tray	ABS
Cable Storage	Synthetic nylon fiber
Optical Cable Size	Pass-through cable: $\Phi 8\text{mm}$ to $\Phi 18\text{ mm}$ Auxiliary cable: $\Phi 8\text{mm}$ to $\Phi 16\text{ mm}$
Color	Black
Splicing Capacity	48, 4 PCS trays
Termination Capacity	Max. 10 PCS Hardened Adapters
IP protection level	IP68
Installation mode	Pole, Wall, Aerial Cable Mounting
Net weight (unit: kg)	1.6kg
Gross weight (unit: kg)	2kg

Thunder-proof technical datasheet

- 1) The insulation resistance between the grounding device and the metal parts of the box is no less than $2\text{M}\Omega/500\text{V}$ (DC); $IR \geq 2\text{M}\Omega/500\text{V}$.
- 2) The voltage resistance between the grounding device, and the box and its metal parts is no less than 3000V (DC)/min, no puncture, no flashover; $U \geq 3000\text{V}$.

Dimension (mm)



Pic.2 AR-DB-QX-08P-HC-TR-FC

INSTALLATION

1. Wall-mounted installation

Drill 4 holes into the wall based on the size in table 1, place the expansion bolt $\Phi 7.5*40$, place the box to match up the holes and use bolt to fasten. (Pic 1)

2. Pole-mounted installation

Fix 1 set of the pole ring to the telecom pole (Pic 2)

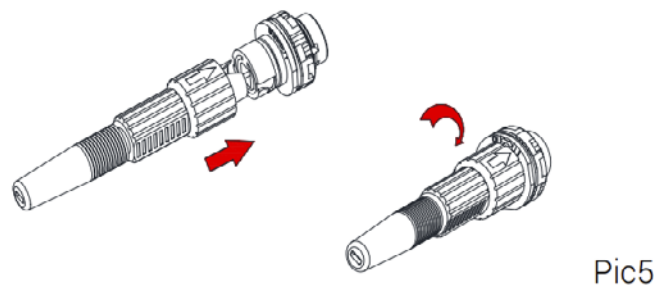
3. The overhead structure

Tie the two installed on the chassis of the overhead hung on the wire, and then bolted, prevent the case fall off.(Pic 3)

Fiber connector installation



Pic 4 Rotate the arrow part of fiber connector counterclockwise and take out the dust cap.



Pic5 The arrow part of fiber connector is above, insert fiber connector into the socket and then rotate the arrow part clockwise.

PACKAGE

Item	Material	Size (mm)	Quantity	Gross weight (Kg)
Independent product packaging	Carton	385*260*125	1	3
Outer packaging carton	Carton	540*405*655	10	31

Note: Without drop cable storage tray

ENVIRONMENTAL CHARACTERISTICS

This product complies with the RoHS environmental protection directive, and the content of lead, cadmium, mercury, hexavalent chromium, polybrominated biphenyl (PBB) and polybrominated diphenyl ether (PBDE) does not exceed the limit.