

ARTIC FIBER and NEATEL as one unit group manufacturer from China is a leading global supplier of fiber optical components and systems for connectivity solution. Our customers in communication, industry and transportation appreciate that we are specialists with detailed knowledge of practical applications.

DATASHEET

8 Fibers Optical Distribution Box

- For FTTx Solution



Brief Overview

The ARTIC ARTFDB08F Optical Distribution Box is a butt type gel sealed fiber optic splicing and patching boxes designed for fiber access point applications in the telecom outside plant network. ARTFDB08F Optical Distribution Box has 2 main cable ports and 8 drop cable ports. The box accommodates up to 12 fusion splices (or 8 mechanical splices), two PLC splitters and 8 SC adapters. Sealing is achieved via built-in gel technology, resulting in extremely convenient re-entry and re-sealing.

Keyed Characteristic

- ✓ Gel sealing for excellent sealing and re-sealing performance;
- ✓ High quality engineering material of PP with good mechanical strength, sturdiness and durability;
- ✓ Clamping for feeder cable and drop cable, fiber splicing, fixation, storage and distribution in one box;
- ✓ Resistance to vibration, UV and temperature fluctuation;
- ✓ Sealing Structure Silicon Gum Material;
- ✓ Easily re-enter without any tools, saves time and cost;
- ✓ Rugged construction for long term reliability.

Standard

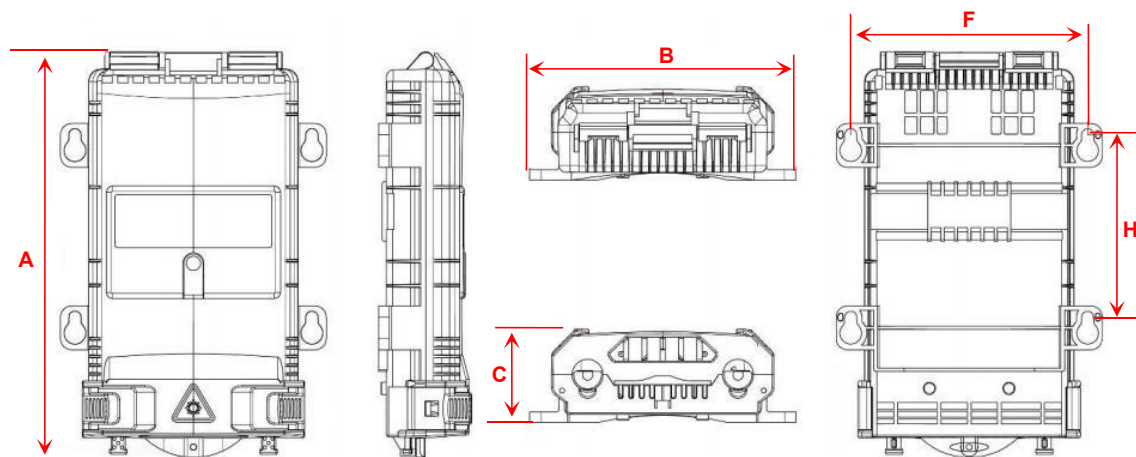
- ✓ UL 94, Test for Flammability of Plastic Materials for Parts in Devices and Appliances;
- ✓ YD/T2150-2010 Optical fiber cable distribution box.

Application

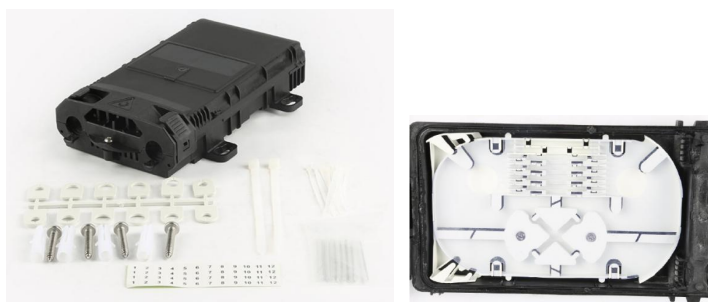
- ✓ Fiber to the building (FTTB);
- ✓ Fiber to the home (FTTH);
- ✓ For use in outdoor application;
- ✓ Wall mounted and pole installation;
- ✓ Aerial, Direct Buried and Underground (shaft);
- ✓ Straight and Branch installations.

Specification

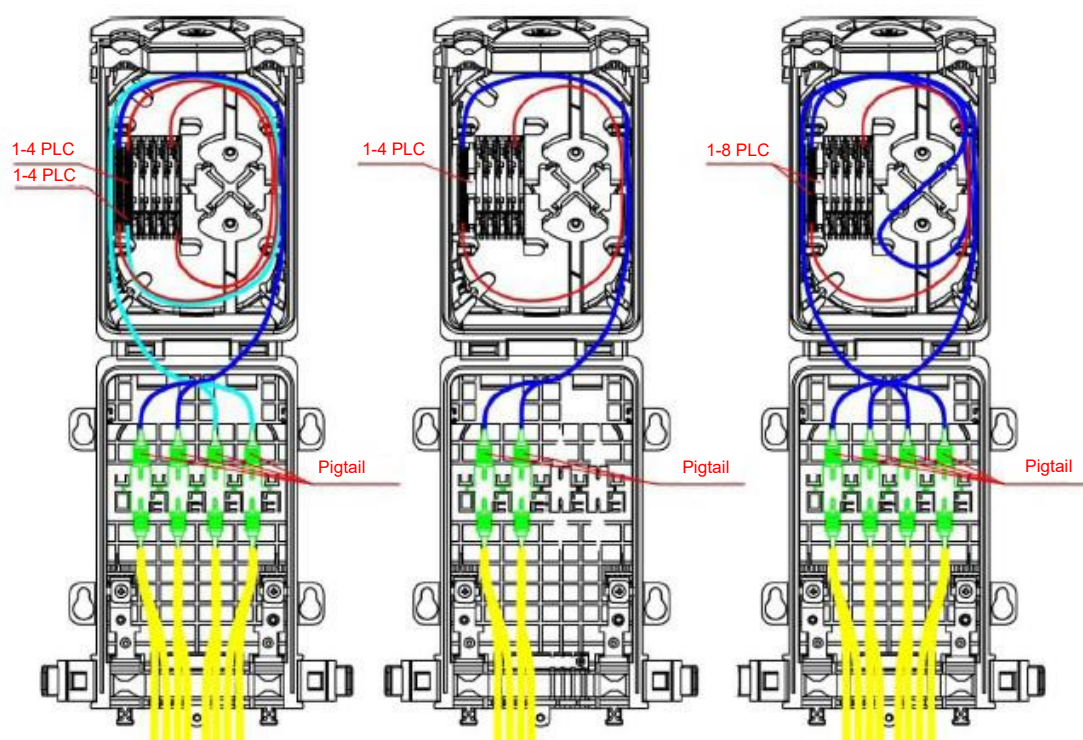
Max. Capacity	SC: 8 fibers
Max. Inlet Cable Diameter	8~16mm
Inlet Cable Number	2pcs
Drop Cable Diameter	3mm round cable, 2×3m drop cable
Outlet Cable Number	8pcs
Protection Grade	IP68
Installation Method	Wall mounting and pole mounting (pole ring is optional)
Working Environment	Outdoor and indoor
Dimension (A*B*C)	220(H)*153(W)*52(D)mm
Working Temperature	-40°C~+65°C
Relative Humidity	0%~95% (+30°C)
Air Pressure	70~106KPa



Accessories included in Package Content



Fiber routing diagram



Environment Condition

Storage temperature: -20°C~+65°C;

Storage humidity: 0%~95% (+30°C), no corrosive gases around;

Transportation: avoid collisions, falls, rain and snow poured directly attack and daylight exposure.

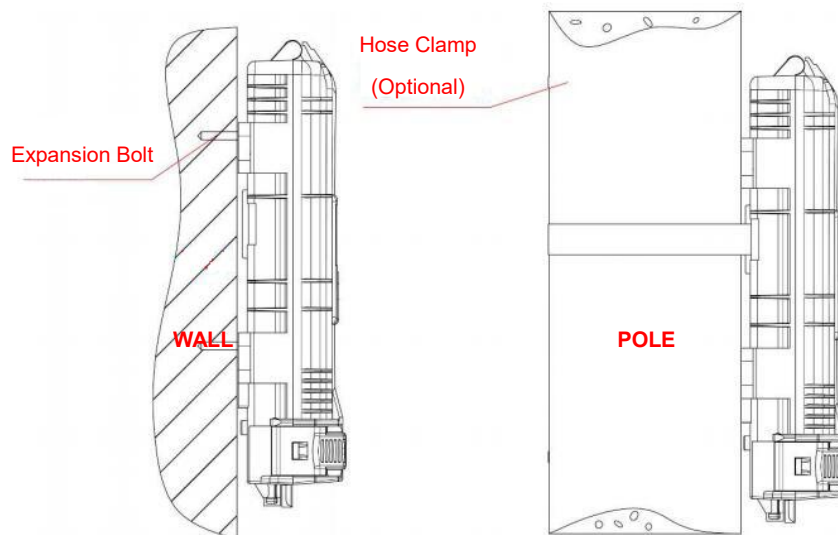
Installation

Wall mounting:

Drill 4 holes into the wall on the Wall Mounting Size (F*H): 136*104, place the expansion bolt $\Phi 7.5 \times 40$, place the box to match with the holes and use bolts to fasten it.

Pole mounting:

Fix 1 set of the pole ring to the telecom pole, as below.



Ordering Information: ANF-FDB-08F-XX-XX-XX-XX

Model	ANFFDB08F
XX: Adapter	None: without adapter SU: SC/UPC SA: SC/APC LU: LC/UPC LA: LC/APC
XX: Pigtail	None: without pigtail SU: SC/UPC SA: SC/APC LU: LC/UPC LA: LC/APC

XX: Splitter	None: without splitter B12: 1×2 B14: 1×4 B18: 1×8
XX: Mounting Method	W: wall mounting P: pole mounting