



Fiber Optic Access Terminal Panel FAB-FFS-1AB



1.1 Description:

The equipment is used as a termination point for the drop cable to connect with ONU internal of apartment in FTTx communication network system. The fiber splicing can be done in this box, and meanwhile it provides solid protection and management for the FTTx network building.

1.2 Standards Comply

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

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

1.3 Applications Environment

Item	Specifications
Operation temperature	-40 °C~+60 °C
Installation temperature	-5 °C~+40 °C
Storage temperature	-45°C~+65 °C

1.4 Mechanical specifications

Item	Value
External dimension(mm)	93.0 X 83.0 X 29.0
Color	RAL 9010
Number of inlet ports	1
Number of outlet ports	1
Fiber cable diameter of the input port(mm)	2*3
Capacity (Max)	1 cores
IP protection level	IP20



Flammability	UL94-V0
Neutral salt spray test (NSS)	48h

1.5 Optical specifications

Item	Test Method	Specification
Insertion loss(dB)	IEC61300-3-4-Method B	Mean \leq 0.1dB, Maximum \leq 0.3dB
Return loss(dB)	IEC61300-3-6-Method 1	APC \geq 60dB, UPC \geq 50dB
Random connection	IEC61300-3-4	Mean \leq 0.15dB, Maximum \leq 0.3dB
Repeatability	IEC 61300-2-2 500 cycles	During the test the difference between the initial measurement and each of the measurements after one cycle must be less than 0.20 dB, and should be cleaned otherwise, with a limit of 25 cleanings