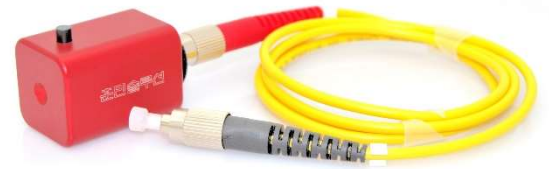


BARE FIBER ALIGNER, BFA

Optical Fiber Toolkit

KEY FEATURES

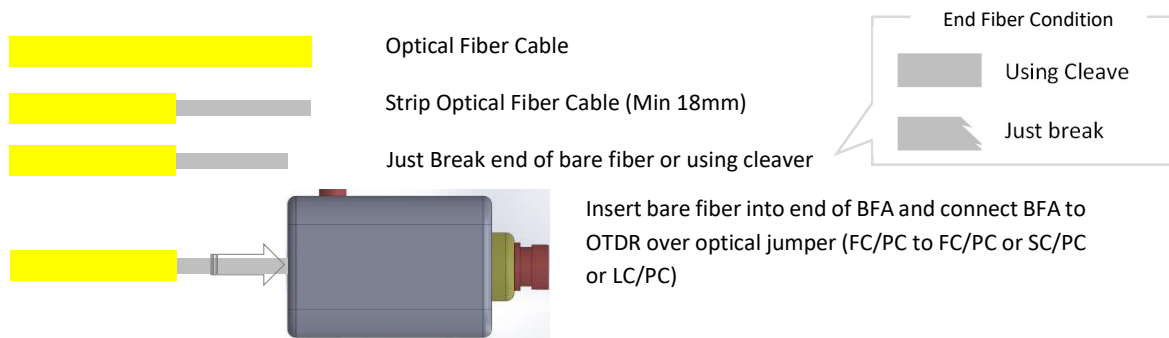
- Testing optical fiber at bare fiber condition
- Low coupling loss
- Not requires cleaver
- Easy and fast operation at field
- Replaceable cartage
- Short Cut off length – Approx. 18mm



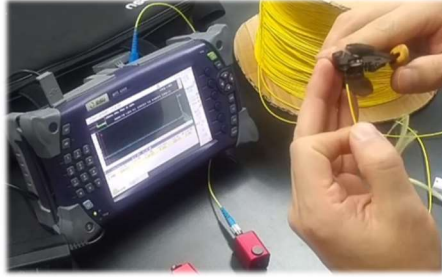
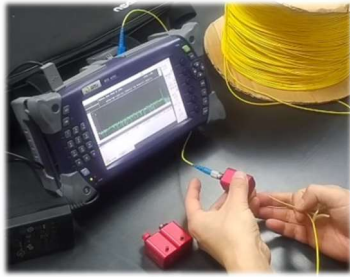
APPLICATIONS

- Bare Fiber Testing with OTDR or other equipment
- Talk set communication with bare fiber

Bare Fiber Aligner (BFA) is most unique tool kit and reduce fiber installation, maintenance or troubleshooting at field operation and it is best method to testing optical bare to optimize / reduce operating time. Most advantage is easy and quick step for testing fiber with test gear. Just strip the fiber and break (Or cut by cleaver). And then insert it into end of PFA after hold button. So, bare fiber able to couple with test gear over BFA then testing fiber with low coupling loss.



Bare Fiber Aligner (BFA) can disassemble by operator if bare fiber is broken inside of BFA. therefor operator can remove broken fiber very quickly and easily without spend more time. Inside of BFA have replaceable cartage which can help to perfect connection between bare fiber and test gear. This cartage needs to change certain period of connection which is about minimum 500 times.



QA for Outdoor Cable

Testing optical fiber cable lengths, loss or bending events after install outdoor cable without connector install



QA for Outdoor Cable

Testing optical fiber cable quality whether it can reuse or not



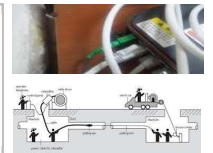
In-Building Installation

Testing in-building optical fiber cable lengths, loss or bending events of inside of building without connector before finalization



FTTF Installation

Testing splitter from far end to CU before splicing to be make sure quality without connector install or using communication tool over talkset in out-of-service area



SPECIFICATIONS

Parameters	Specifications
Type of Fiber	Single-Mode Fiber 9/125um or Multi-Mode Fiber 50/125um (or 62.5/125um)
Coupling Loss	Max 1.0dB (@ break fiber without cleaver)
Coupling Return Loss	Max 40dB (@ break fiber without cleaver)
Operating Temperature(°C)	-5 to 65
Dimension (DxHxW)	45mm x 25mm x 25mm
No of Insertion Time	Min 500 times

ORDERING INFORMATION

PN	Descriptions
BFA-SM	Bare Fiber Aligner Kits for SM fiber, FC/PC to FC/PC Optical Jumper Cord, 2 x Replaceable Cartages, Remover, Carrying case
BFA-MM-01	Bare Fiber Aligner Kits for MM (50/125um) fiber, FC/PC to FC/PC Optical Jumper Cord, 2 x Replaceable Cartages, Remover, Carrying case
BFA-MM-02	Bare Fiber Aligner Kits for MM (62.5/125um) fiber, FC/PC to FC/PC Optical Jumper Cord, 2 x Replaceable Cartages, Remover, Carrying case
BFA-C-01	5 x Replaceable Cartage
BFA-C-02	10 x Replaceable Cartage