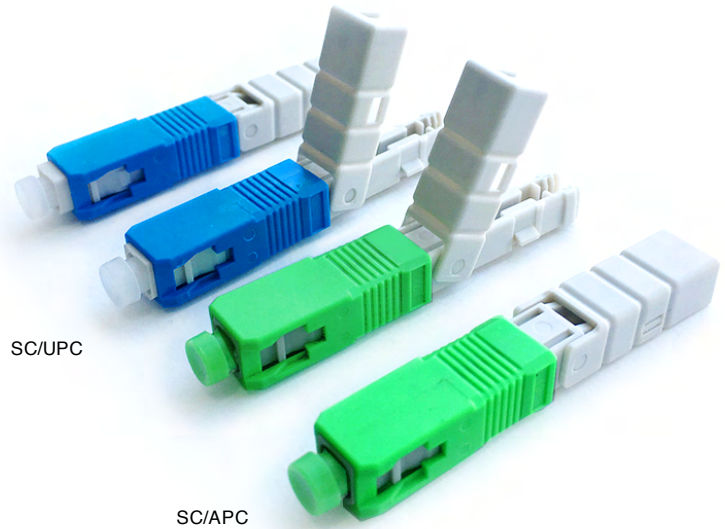




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Field Connector FAOC-VF54A



FAOC-VF54A Folding Type

Description

It is designed to manage secure on-site fiber connections with unique V-groove technology and 3-way cable locking system. It reduces connection defect rate by allowing re-assembling several times in the field without additional tool.

Feature

- Compliance with Standard TIA/EIA 604-3 (SC)
- 3-Way Cable Locking System: 0.125mm, 0.25mm, 3x2mm
- Re-Assembling: ≥ 10 Times
- Operation Temperature: -10°C to $+65^{\circ}\text{C}$
- Relative Humidity: $< 95\%$ RH
- Accommodating 3x2mm cable
- Installation Time: Approx. 90 sec.

Physical Specification

Model	Size (mm) L x W x H	Fiber Stripping Length ($\varnothing 0.25$)	Fiber Cleaving Length ($\varnothing 0.125$)	Insertion Loss	Return Loss
VF54A	54 x 9 x 8.5	24	10	$\leq 0.3\text{dB}$	$\geq 45\text{dB}$ (UPC), $\geq 55\text{dB}$ (APC)

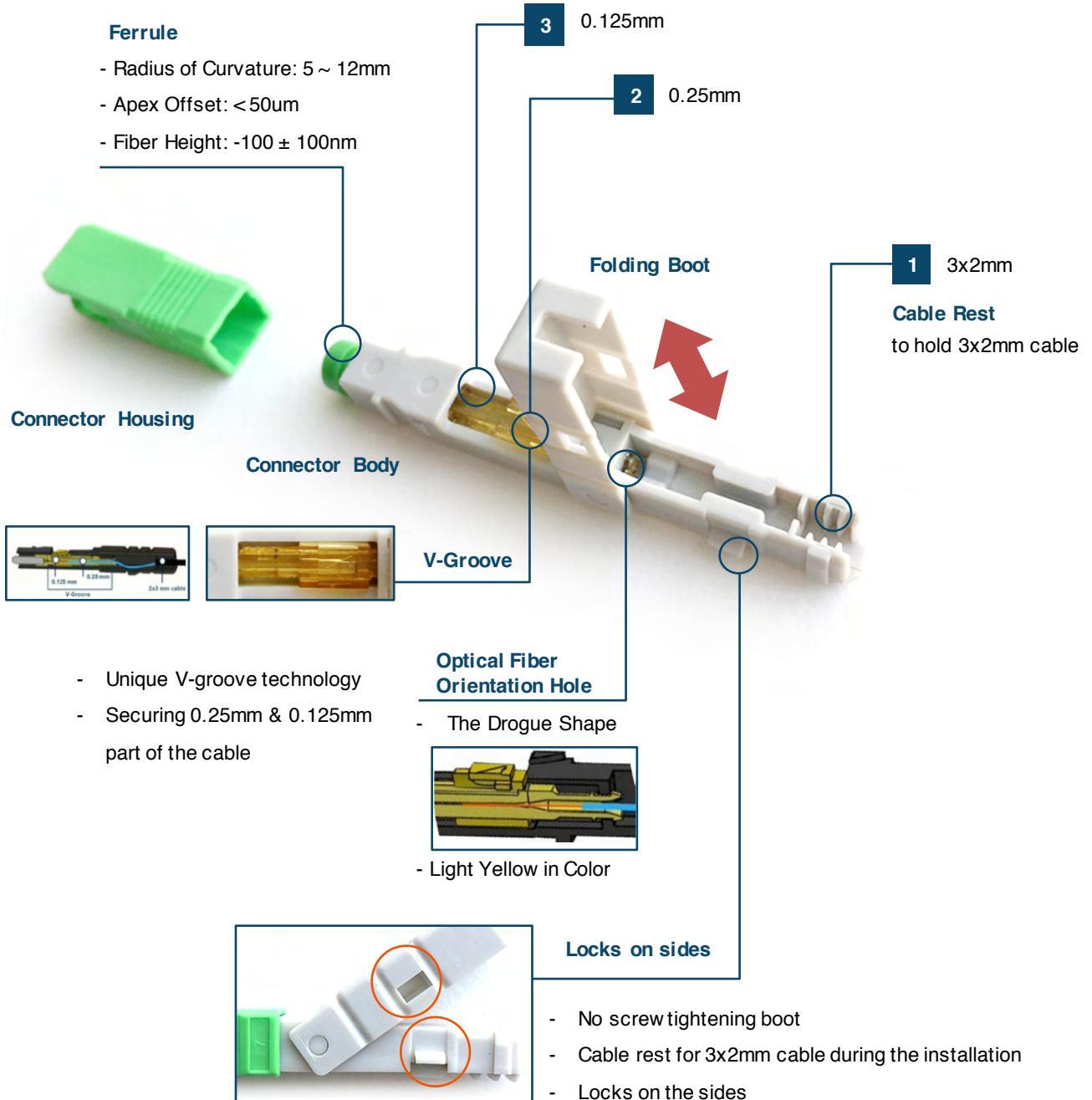


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Field Connector FAOC-VF54A

FAOC-VF Structure

3-Way Cable Locking





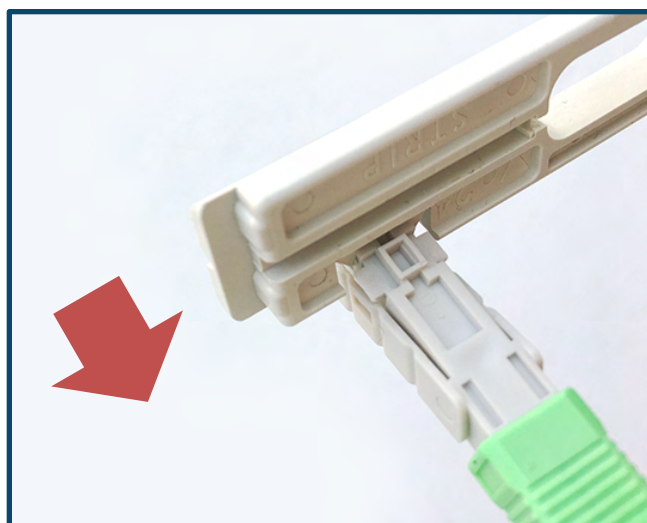
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Field Connector **FAOC-VF54A**

Application

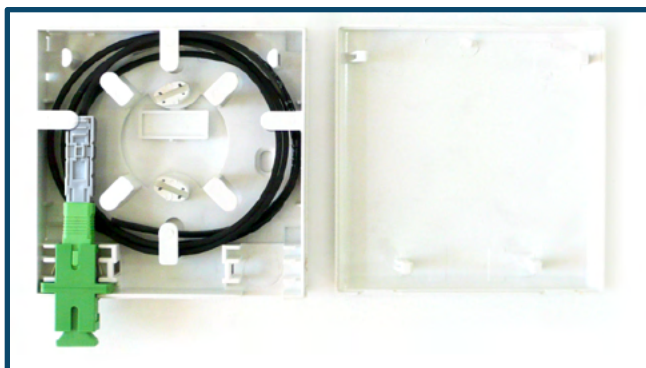
Opening the connector

- Press the bottom of the connector using the provided multi-functional jig



Installation

- Fitted to all ATB boxes





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Field Connector **FAOC-VF54A**

Multi-Functional Jig



Front



Back

Description

This versatile, 3 in 1 jig is designed to support field termination with ease of installer. Its intuitive design offers convenience of installer to open the folding type connector, strip the fiber with comfort grip, measure the cut length and guide the fiber for cleaving.

Feature

- Combination of Opener, Stripper and Cleaver Guide
- No additional tools required
- Compatible with all standard cleavers

3 in 1

- OPENER
- STRIPPER
- CLEAVER GUIDE

Physical Specification

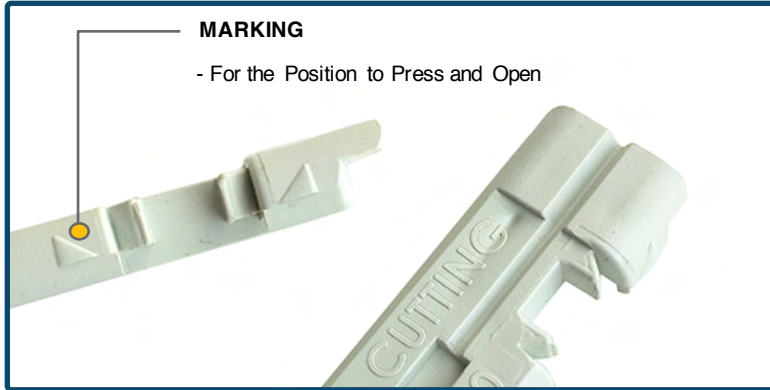
Model	Size (mm)	Cable Strip / Cut Length	Description
FAOC Multi-Functional Jig	62 x 16 x 5.9	24 / 10	Provided every 25 connectors



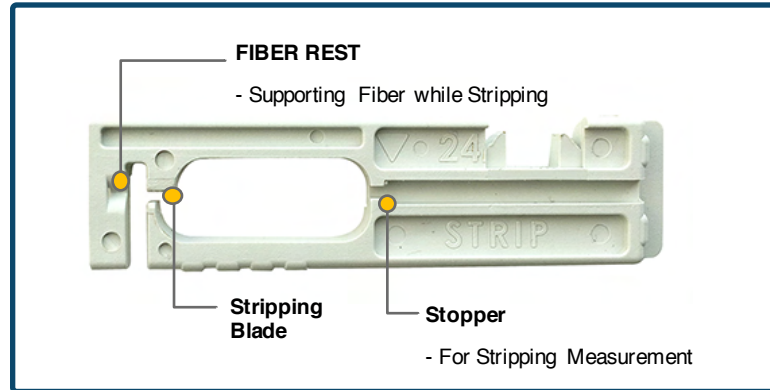
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Field Connector **FAOC-VF54A**

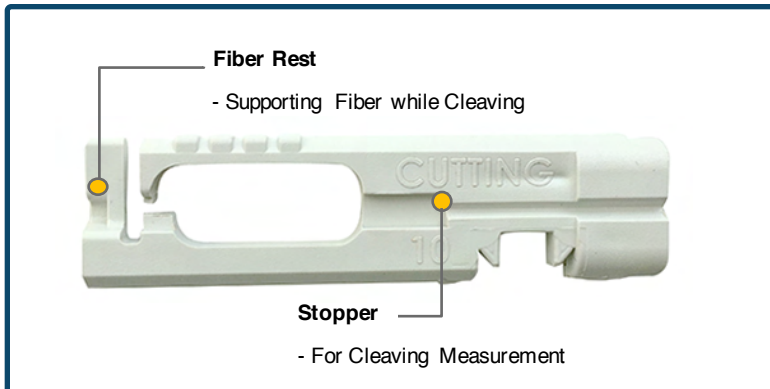
Multi-Functional Structure



OPENER



STRIPPER



**CLAEVER
 GUIDE**



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Field Connector FAOC-VF54A

Standard Package

#	Model	Components
1	AJW-FAOC-VF54A	FAOC unit, Gauze, Installation Guide

FAOC Multi-Functional Jig is provided for every 25 connectors.

Technical Specification

Category	Condition	Test Standards
Ferrule Material	Zirconia Ceramic	-
Insertion Loss	-	≤ 0.3dB
Return Loss	-	SC/PC: ≥ 45dB, SC/APC: ≥ 55dB
Vibration	Frequency range: 10-55-10Hz Amplitude: 1.52mm(±0.75mm) Cycle: 4 minutes Time: 1 hour / X.Y.Z direction	Insertion loss variation: ≤ 0.2dB (before, after and during the test)
Tension	≥ 50 N for cable jacket	Insertion loss variation: ≤ 0.2dB (before, after and during the test)
Impact	Free fall: 4 M	Insertion loss variation: ≤ 0.2dB (before, after and during the test)
Repeat-connection with adaptor	500 times	Insertion loss variation: ≤ 0.2dB (before, after and during the test)
Temperature Cycle	Cycle: 8 hours Total: 12 cycles / 96 hours Temperature Maintenance: 1 hour *Cycle: 23 → -40 → 23 → +75 → 23	Insertion loss variation: ≤ 0.2dB (before, after and during the test) Return loss: ≥ 35dB (during the test) No Mechanical damage (including transform, damage)
Temperature / Humidity Deterioration	40 °C (relative humidity : 95%) Time: 96 hours	Insertion loss variation: ≤ 0.2dB (before, after and during the test) Return loss: ≥ 40dB (during the test) No Mechanical damage (including transform, damage)