Specification No. FOC-CB12-60SJ
INLINE CLOSURE FOR OPTICAL FIBER CABLE
BACKBONE NETWORKS

IN-OUT 6 HOLES

Model FOC-CB12-60SJ Optical Fiber Inline Closure Model. Available in the form of aerial and underground optical fiber cable, with cables weighing from 12 to 60 fibers and fibers up to 120 fibers, for fast installation and simple to use, saving time at work and We have Straight Joint, Branch Joint as well as Butt Joint.

* *All goods must be standardized by TOT Technical Requirements.*

Features

- Made from Material Acrylonitrile Butadiene Styrene (ABS), Resistant sunlight (UV), Durable pull and bend of cable it well.
- Easy to install (Clip Lock)
- Waterproof
- It can be open and close lid quickly without special tools.
- Design a clamp attached on the lid, for easy to use, dropped during operation.
- Prepare successful accessories, easily installed, and reduce the time of installation.
- It can be installed cable freely and easily with a clamp lock optical fiber cable to keep tidy.
- Provide hanging clamp Stainless SUB 304 and disconnect from cable stand, convenient fast installation and use aerial and air-mounted on a pole.
- Designed front cover with space for a company name or sprayed or painted stripes Logo is permanently attached to the plastic.
- Splice Tray and lid made from Polycarbonate or white ABS.
- Protective Sleeve length 60 mm. and a core made of Stainless Steel.

- Size: 32.5 x 18 x 12 cm
- Weight 2 kg *with 6 holes for cable in-out.*
- IP 65 68
- Brand: Chamber, Products made in Thailand.

The closure kit shall at least consist of the following components:

1. Closure cover 1 set
2. Fiber splice organizer
3. Clamping for mounting on cable strand 1 set
4. Heat shrink splice protector (Sleeve size 60 mm) with stainless steel reinforced metal rod.
5. Sealing gasket
6. Sealing tape or gel tape or equivalent
7. Cable clamps
8. Alcohol tissue
9. Dummy plugs for unused cable port
10. Instruction at least one per closure kit preparing in Thai or English language including
    - I. Installation and maintenance instruction
    - II. Description how to manage or arrange the fiber inside closure
    - III. Drawings or pictures of fully fiber installed inside closure and finish installed closure related to applications concerned.

Mechanical Requirements

Performance	Conditions	Requirements	Method of test in paragraph
Appearance	Examination with the unaided naked eye	No defects which will adversely affect product performance	4.1.1.
Tightness	Temperature: (23±5) °C Pressure: (40±2) kPa Time: 15 minutes	No leakage	4.1.2.
Bending (Flexure)	Temperature: (-18±2) °C and (40±2) °C Weight: up to cable capacity No. of cycles: 8 cycles	ΔAttn. ≤ 0.05 dB Appearance Tightness	4.1.3.
Cable retention	Temperature: (25±2) °C Weight: 45 kg. Time: 1 half hour	ΔAttn. ≤ 0.05 dB Appearance Tightness	4.1.4.
Torsion	Temperature: (-18±2) °C and (40±2) °C No. of cycles: 10 cycles	ΔAttn. ≤ 0.05 dB Appearance Tightness	4.1.5.
Compression	Temperature: (-18±2) °C and (40±2) °C Weight: up to cable capacity Surface area: 50x50 mm^2 Time: 15 minutes	Deform ≤ 20 % while the load is applied and deformed ≤ 10 % while remove the load. Tightness	4.1.6.
Impact	Temperature: (-18±2) °C and (40±2) °C	Appearance Tightness	4.1.7.

	Impact tool: Ø 50 mm hemisphere head cylinder Weight: 2 kg		
Vibration	Temperature: (25±2) °C Pressure: (40±2) kPa Speed: 1 oct/min Frequency: 5 Hz ~ 20 Hz	Loss ≤ 2 kPa Appearance Tightness	4.1.8.
Re-entry	Temperature range: (25±2) °C Time: 15 days re-entry: 1 cycle	Appearance No water ingress	4.1.9.

Electrical Requirements

Performance	Conditions	Requirements	Method of test in paragraph
Connection Resistance	ASTM B539-90 Method C.	< 10 mΩ.	4.2.1.
Shield Continuity	-	Appearance	4.2.2.
External Grounding	-	Appearance	4.2.3.

Environmental Requirements

Performance	Conditions	Requirements	Method of test in paragraph
Water Immersion	Water level: 1.5 m Time: 15 days	No water ingress	4.3.1.
Ultraviolet Resistance	ASTM D – 2526 Time: 720 hrs.	Change in ultimate elongation and tensile strength ≤ 20 %	4.3.2.
Carbon Black Content	ASTM D- 1603	≥ 2.0 %	4.3.3.
Salt Fog Spray Test	ASTM B-117 Time: 30 days	Appearance No corrosion	4.3.4.
Temperature Cycling	Temperature range: 4.4°C/+60°C Humidity: 95% Time: 30 days	Appearance	4.3.5.