



Terminal box for fiber access NOA51-STNP2040

ONE-STOP MANUFACTURER OF HIGH CLASS DATA CENTER INFRASTRUCTURE

NOA NETWORKS

661 Commerce Street
Nashville, TN 37203 +1 (786) 219-7468



ISO 9001:2015
Certified

sales@noanetwork.com
www.noanetwork.com

1. Description:

The box (box code) is designed to seal without screws. The compact size and flip cover provide easy operation and full functionality. It integrates fiber splicing, splitting, distribution, storage, and cable connection into one robust enclosure.

2. Characteristics:

- Waterproof design with IP-68 protection level.
- Integrated with splice cassette with flap and support for adapter.
- Plug-and-play installation, easy to maintain and expand.
- Control of fiber curvature radius of more than 40 mm.
- 180 degree access with buckled lock structure.
- Environmental requirement: Working temperature: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$,
- Humidity: $\leq 85\%$ ($+30^{\circ}\text{C}$) Pressure: 70KPa \sim 106Kpa
- Insertion Loss: $\leq 0.3\text{dB}$, UPC Return Loss: $\geq 50\text{dB}$, APC Return Loss: $\geq 60\text{dB}$, Insertion and Extraction Lifespan: >1000 times
- The grounding device is isolated with the cabinet, the insulation resistance is less than $2 \times 10^4 \text{ M}\Omega / 500\text{V}$ (DC; $\text{IR} \geq 2 \times 10^4 \text{ M}\Omega / 500\text{V}$ The resistance voltage between the grounding device and the cabinet is not less than 3000V(DC)/min, no piercing, no flashover; $U \geq 3000\text{V}$.



ONE-STOP MANUFACTURER OF HIGH CLASS DATA CENTER INFRASTRUCTURE

NOA NETWORKS

661 Commerce Street
Nashville, TN 37203 +1 (786) 219-7468



sales@noanetwork.com
www.noanetwork.com

3. Standards Compliance

Standards Compliance	
NO.	Standard and Requirements
1	ROHS 2011/65/EU and its subsequent amendments (EU) 2015/863 Pb/Cd/Hg/CrVI content polybrominated diphenyl ethers (PBDES) Polybrominated biphenyls (PBBs) Phthalates
2	Certification in ISO 9001:2015 by SGS certification system
3	Standard: EN 61300-1:2016 CE standard According to laboratory Shenzhen Tian Hai Test Technology Co.,Ltd.

4. Specification

Dimension(mm)	380×245×130	Max.capacity(Singlefiber)	96
Weight (kg)	4.5~5	sealing type	Mechanic
cable ports	1 input cable port for 10~17.5mm diameter uncut cable. 2 output cable ports for 8~17.5mm cable diameter. 16 output cable ports for cable diameter less than 4mm.	Single Splice Tray Capacity (Single Fiber)	24
Splice tray quantity	1~4		

ONE-STOP MANUFACTURER OF HIGH CLASS DATA CENTER INFRASTRUCTURE

NOA NETWORKS

661 Commerce Street
Nashville, TN 37203 +1 (786) 219-7468



sales@noanetwork.com
www.noanetwork.com

5 List of parts

5.1.1 Main kits

Y/N	Description	Amount	Note
1	Member	1	337(L)×242(W)×63(H)mm.
2	Base	1	
3	sealing ring	1	Box sealing
4	Parts sealing	16	Cable port sealing
5	splice tray	4	For splicing and storing cables
6	Splice tray cover	1	
7	splice tray bandage	1	Fixing of several splice trays
8	clamping bolt	2	Fixing cap and closing cap
9	Buckle	4	Fixing cap and closing cap
10	tight nuts	16	Sealing of soft cable ports
eleven	tight tool	1	Special to tighten the nuts
12	cable fixing panel	1	Uncut cable fixing
13	Adapter installation panel	4	An adapter panel for 6 SC simplex adapters
14	splicetraybracket	1	install4splicetrays
fifteen	topcoverstopper	1	limittopcover
16	plasticnuts	2	fixing wire

ONE-STOP MANUFACTURER OF HIGH CLASS DATA CENTER INFRASTRUCTURE

NOA NETWORKS

661 Commerce Street
Nashville, TN 37203 +1 (786) 219-7468



sales@noanetwork.com
www.noanetwork.com

5.2.1 Standard parts

Y/N	Description	Amount	Note
17	wall mounting kit	1	wall mount
18	expansion anchor bolt	2	partsofthewallmountingkit
19	hex bolt	2	partsofthewallmountingkit
twenty	nylon tie(3*120mm)	12	fixing wire
twenty-one	Fusion Sleeve (Φ1.0*60mm)	According to the fiber cores.	cable splicing
22	0.2 m helical tube	1	protect the fiber
23	Insulating tape	1	accessory fixation
24	EVA tube0.5m	1	protect the fiber
25	Dryer	1	
26	M6 internal hex key	1	Tool to open the box
27	14# buttonhole	2	For cable diameter. 12 to 17.5mm
28	41# buttonhole	2	For cable diameter. From 8-12mm
29	Plastic lid	4	Seal the cable port
30	iron key	1	Tool

5.2.1 Optional parts

Y/N	Description	Amount	Note
25	pole mount kit	1	For pole mounting
26	Valve	1	Sealing performance test



ONE-STOP MANUFACTUREROF HIGH CLASS DATA CENTER INFRASTRUCTURE

NOA NETWORKS

661 Commerce Street
Nashville, TN 37203 +1 (786) 219-7468



Certificados en
ISO 9001:2015

es@noanetwork.com
www.noanetwork.com