

Please be advised

*ARTIC FIBER and NEATEL as one great unit manufacturer from China is a leading global supplier of fiber optical components and systems for connectivity solution. Our customers in communication, industry and transportation appreciate that we are specialists with detailed knowledge of practical applications.*

## DATASHEET

### **1x4 FST Fiber Squid Splitters MINI Terminal Male to Female**

- For FTTx Solution



## Product Description

Splitter Access Terminal provide the most cost-effective method of deploying optical fiber in outside plant distribution networks at speeds significantly fast than traditional field installations. The assemblies guarantee an easy, one-step connection system with the combined push-pull insertion and nut-style mechanical latch. SAT provides quick installation solutions and has good performance on mating with H Optitap Inline SC/APC connector. Cable with ultra flexible TPU tube protection. This MultiPort flex splitter terminal is designed for use in outside plant fiber access networks, where a splitter is preferred. In particular, its reliability makes it ideal for fiber to the home (FTTH) applications. This innovative terminal provides sealed environmental protection, as well as easy incremental connection of subscriber drop cables. And this MultiPort flex splitter terminal is built with Corning® ClearCurve® optical fiber the revolutionary bend-insensitive optical fiber and cable that ensures virtually no attenuation loss, even in tight bends with a bend radius of 5 mm.

This SAT MultiPort accelerates FTTH community acceptance through its ability to fit inside some of the most compact pedestals and handholes on the market. The terminal is equipped with either the OptiTap® or in-line OptiTap as the input connector. Designed to effortlessly enhance your network reach, it offers the option to branch off to an existing terminal and add extra ports when needed. It is also available in three configurations: 1x2, 1x4, and 1x8 splitter terminals. This allows for lower initial deployment costs by connecting multiple drops to one fiber.

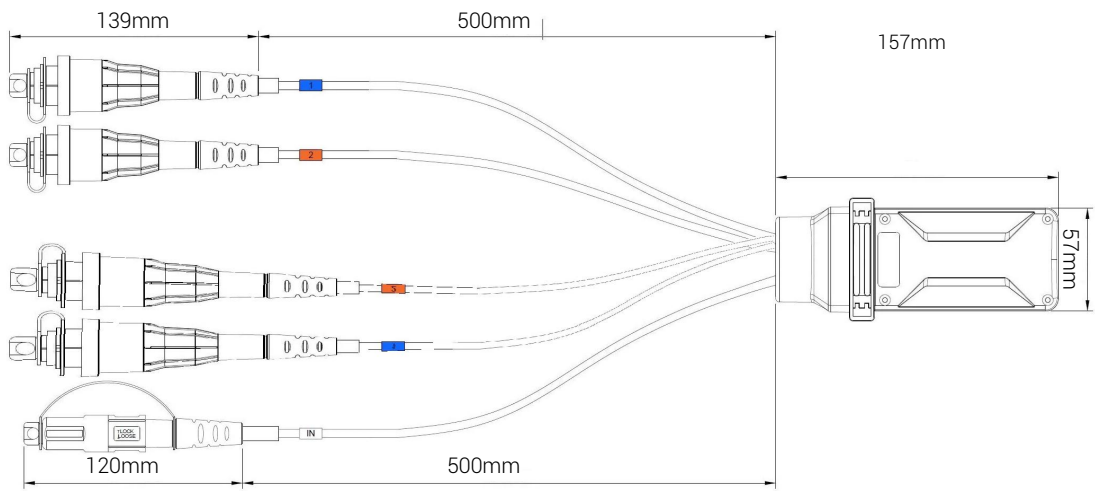
## Keyed Characteristics

- ✓ Provides moisture and dust protection for use in harsh industrial environments;
- ✓ IP68 protection, salt-mist proof, humidity proof, dust proof;
- ✓ Drastically reduces field splicing with a predetermined loss at each waterproof tether access point;
- ✓ Utilize traditional field installation techniques for aerial, below ground and duct applications;
- ✓ Reduce installation time by as much as 50 percent per network access point;
- ✓ 100% optically tested to ensure quality performance assemblies;
- ✓ Broad temperature range (-40 to+70°C) is ideal for indoor or outdoor applications;
- ✓ Mark on dust cap can help people who cannot distinguish between colors to operate.

## Application

- ✓ FTTH Application;
- ✓ Fiber optic communications in harsh outdoor environments;
- ✓ Outdoor communication equipment connection;
- ✓ Waterproof fiber equipment SC port;
- ✓ Remote wireless base station;
- ✓ FTTx FTTA wiring project.

Products Scheme



Specification Parameter

Item Name	Splitter Access Terminal
Standard	Comply to GR-3120, GR-3152, IEC 61753-1, IEC 61754-4
Cable	4.8-5.0mm Black TPU with ITU-T G.657A1 fiber
Connector	H Optitap Inline SC/APC connector
Input length	0.3M or customized
Output length	0.5M or customized
Closure size	145*105*50mm
Insertion loss	4.5dB Max( 1x2) 7.8dB Max (1x4) 11dB Max (1x8) 13.7dB Max(1x16)
Return loss	55dB Min
Operation Temperature	-40~+70 °C
Waterproof level	IP68

## Packing info

Aircraft box packing with bubble protection



Model	Net weight	Packing size	Weight per box
SAT-102	0.4KG	55*40*32CM/10pcs	4.5KG
SAT-104	0.6KG	55*40*32CM/10pcs	6.5KG
SAT-108	0.8KG	55*40*32CM/10pcs	8.5KG
SAT-116	1.2KG	55*40*32CM/5pcs	14KG

\*\*\*Packing may be altered without notice

## More Solutions

