



Product Data Sheet

Product Type **Optical Fiber Cable**

Product Model **SOM-SOM-2CH-SM-5A-L-R**


Customer Name

Manufacturer	Prepared	Checked	Approved

Customer	Received	Checked	Confirmed



Product Data Sheet

Product Type	Optical Fiber Cable	
Product Model	SOM-SOM-2CH-SM-5A-L-R	
Product Features		
<ul style="list-style-type: none">➤ Robust and reliable dual-channel fiber connection system with anti-dust protection➤ Based on LC-Duplex connectors, and compatible to conventional single-mode LC connectors➤ It can achieve IP65 waterproof grade when it uses with waterproof sockets➤ Easy to clean without the need for special tools➤ The fiber cable connector has a sturdy all metal housing and reliable push-pull locking mechanism➤ Equipped with a cable drum, easy to carry and use		



Product Data Sheet

Mechanical Parameters

Item	Specification
Service Life	> 5000 mating cycles
Insertion Force	< 45 N
Locking Device	Push-pull
Cable Tensile Strength	Short-term: 1000N ; Long-term: 600N
Cable Compressive Strength	≥ 3000N / 100MM

Material

Item	Specification
Connector Housing	Stainless steel
Connector Push-button	Stainless steel
Protective Cover	Silicone rubber
Cable Jacket	TPU



Product Data Sheet

Optical Fiber Cable

Item	Specification
Color	Black
Overall Diameter	5 mm
Core Diameter	Single-mode: 9 μ m Multi-mode: 50 μ m
Cladding Diameter	125 μ m
Minimal Bending Radius	5 cm
Number of Fibers	2
Weight	30 kg/km
Wiring Standard	ISO / IEC 11801

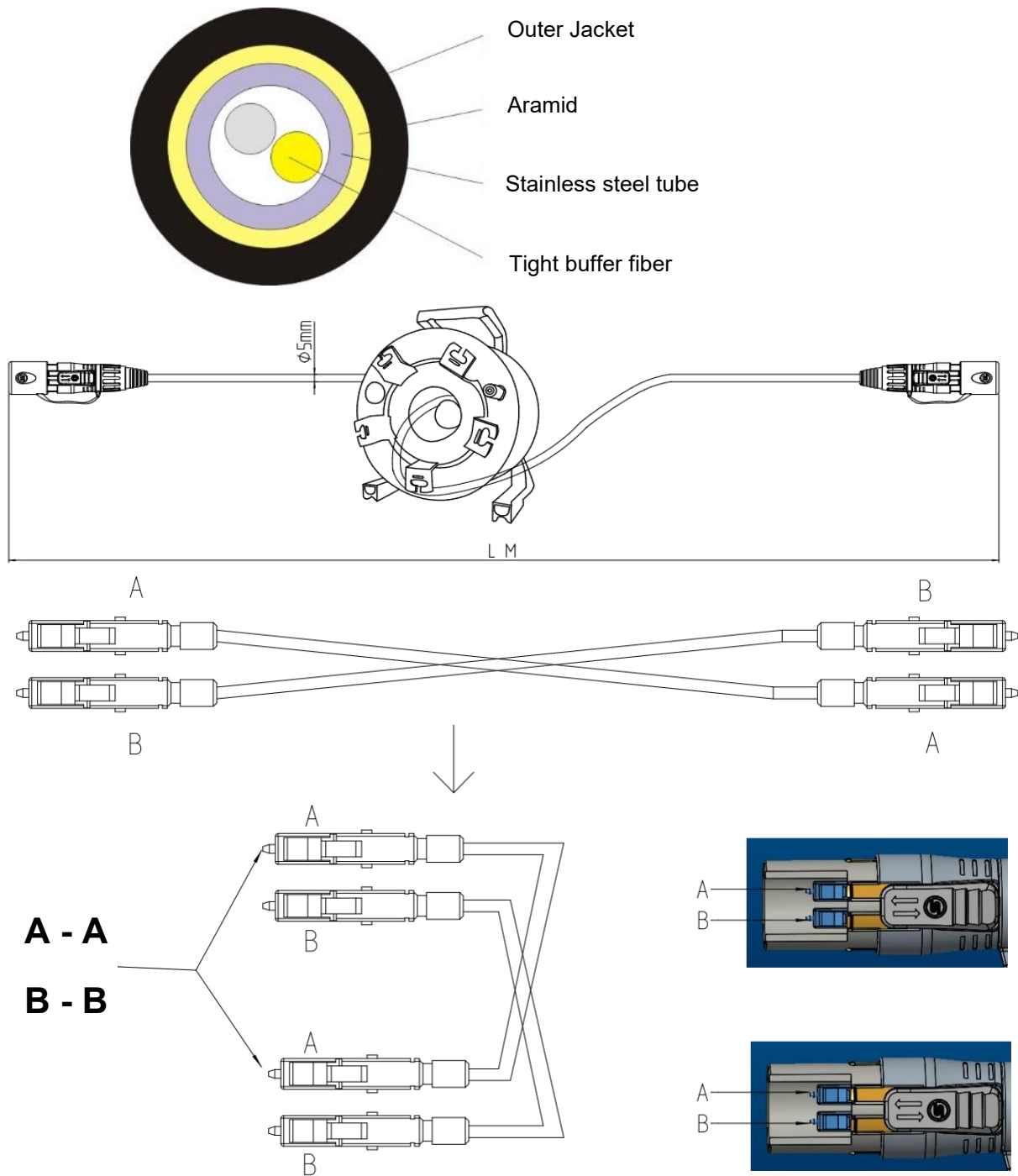
Optical Properties

Item	Specification
Optical Fiber Standard	LC-Duplex PC
Insertion Loss (the loss increases according to the length of the cable, see the performance attenuation column for increments)	< 0.3 dB / connection
Performance Degradation (loss increases for every 1 km)	Single-mode: 1310nm 0.4dB/km ; 550nm 0.3dB/km Multi-mode: 850nm 3dB/km ; 1300nm 1dB/km



Product Data Sheet

Product Drawing



Product Data Sheet

Packaging Method

Equipped with a cable drum, 1 pc of cable drum per box

Accessory

- | | |
|--|--|
| <input checked="" type="checkbox"/> No accessories | <input type="checkbox"/> Back fastener plate |
| <input type="checkbox"/> Screws and Nuts | <input type="checkbox"/> Other |

Product Code Description

