



215-RT-EXT-16C

### Product Technical Requirements

- IP-66 grade waterproof protection design.
- Assemble the splice tray and the cable holder.
- Control the radius of curvature of the fiber within a reasonable range.
- Easy maintenance, scalable capacity.
- Fiber radius of curvature greater than 40mm.
- Suitable for hot and mechanical connections.
- Optional to install a 1x16 distribution splitter.
- Efficient cable management.
- Available for 16-core leather cable.
- Operating temperature: -40 °C ~ +70 °C
- Storage temperature: -40 °C ~ +70 °C
- Relative humidity: not more than 90% (+ 40 °C)

### The structure of the box & Assembly requirements

- Box surface should be smooth, uniform color, there is no mechanical scratches traces; box parts should not have a clear color difference.
- The surface of the box parts shall not be swollen, bubbles, lack of material, broken, hanging flow, defects.
- The use of coated metal structure, the coating and the substrate should have a good adhesion: adhesion is not less than GB / T9268 standard Table 1 of the two requirements.
- The rotating plate in the box body is open and easy; the inner bracket of the box can hold the tightening limit of the rotating plate; Support seat firm, no broken traces.
- All structural parts should be installed firmly, not twisted, box door and the box between the gap should be uniform, the lid should not protrude the box surface, and the lid to fit evenly.
- Adapter fixing: When installing an SC or FC adapter, you must

### Mechanical and physical properties

- The box should have good anti-corrosion, anti-aging and anti-destructive performance: its physical and chemical properties must be stable, and with the light cable smooth connection.
- The top of the box should withstand no less than 500N vertical pressure; unloading the load, the box should be no damage traces and permanent deformation.

### Transport test requirements

- Packaging qualified products should be able to withstand GB / T3873-1993 in the "A10 road transport" or vibration method alternative test requirements. After the end of the test, the appearance of the product should be intact, the parts, fasteners do not loose, the box door open and close freely, flexible and reliable door locks.

### Product Specification

Part No.	RT-EXT-16C
Dimensions	274×175×82 mm
Cable ports	1 mid-span port and 2xPG13.5
Drop cable ports	16
Max. number of adapter	16 SC
Splice tray and capacity (Fusion)	1x 8/16 FO
Mechanical splice	3 FO
Suitable for two 1*8 PLC Splitter or two Sloft Cassette Spllter 1*8	This product installed with 1x Micro Splitter 1: 8
Cover holding	Any angle ≥ 90 degree
lock	1 screw lock and 2 hasp lock
Mounted way	Wall-mounted or pole-mounted
Material	Plastic
Temperature range	-40 °C to +70 °C
Flame resistant	V0
Seal material of the box	EPDM
Seal material of the ports	Rubber
Protection rating	IP66

### Accessories



### Order Information

Product Ref.	Item	Material	Capacity		Setup	Size	Color
215-RT-EXT-16C	16 Core Fiber Optic Distribution Exterior Box Cassette splitter Type	PC+ABS	SC 16Ports	Modular Casssert splitter Type 1x8 y 1x16SC)	Wall-mounted or pole-mounted	274mm*175 mm*82mm	Write

Code	Product Name	Number of Ports	Splice /Pigtail Tray Capacity
21500-RT-EXT-16C-empty	16 Core Fiber Optic Distribution Exterior Box Write Cassette Splitterr Tray Type Empty	1 mid-span port and 2xPG13.5	8F per tray Max. Cassette quantity: 2 Trays Total fibers: 16
21501-RT-EXT-16C-Installed one sloft Cassette Splitter 1*8+8adapters	16 Core Fiber Optic Distribution Exterior Box Write installed one 1*8 Sloft Cassette Splitter & 8 adapters		
21502-RT-EXT-16C-Installed sloft Cassette Splitter 1*16+16adapters	16 Core Fiber Optic Distribution Exterior Box Write installed one 1*16 Sloft Cassette Splitter & 16 adapter		
21503-RT-EXT-16C-Installed two sloft Cassette Splitter 1*8+16adapters	16 Core Fiber Optic Distribution Exterior Box Write installed two 1*8 Sloft Cassette Splitter & 16 adapter		