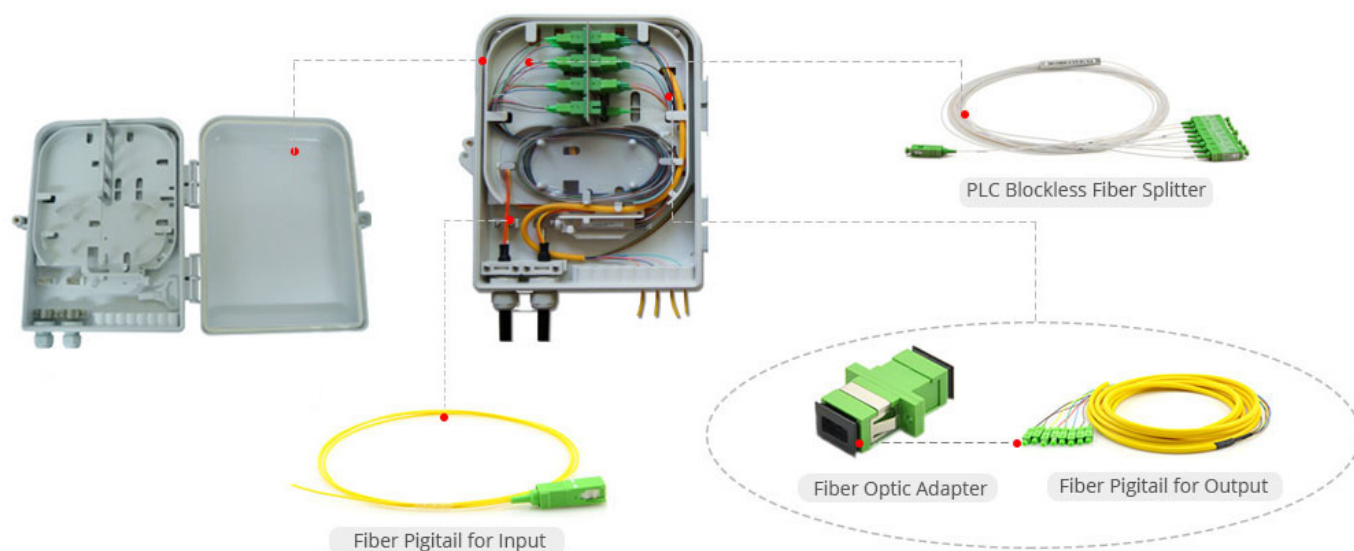


DATASHEET

Fiber Distribution Box

For FTTH, PON ,OBD Cabling system



OMC INDUSTRY CO.LIMITED

2018|En version1.0



Description

Fiber Distribution box (FDB), known as optical Distribution box (ODB) as well, is a compact fiber management product of small size. It is widely adopted in FTTH cabling for both fiber cabling, provides the connection between fiber optic cables and passive optical splitters.

Fiber Distribution box contains the shell, the internals (supporting frame, set fiber disc, fixing device) and optical fiber joint protective element. Prominent advantages of fiber termination box lie in efficient cable-fixing, welding and its protective role in machinery of the optical fiber.

An insulation is always demanded between cable metal components and cable Distribution box shell in a fiber termination box, which provides space for cable terminal and remained fiber storage. In addition, fiber Distribution box also facilitates the installation of different occasions since it is easy to access, which turns out to be time and cost saving.

Fiber Distribution Box Application

FDB series are applicable in FTTH project and suitable for outdoor application. They can distribute cables with a splitter. They have the subsequent functions of mechanical splice, fusion splice, distributions, etc.

Working Environmental conditions:

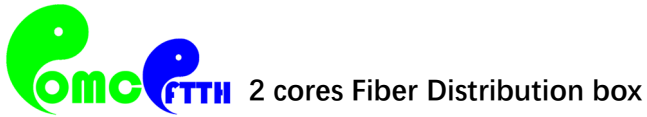
1. Working temperature: $-40^{\circ}\text{C}+60^{\circ}\text{C}$;
2. Relative humidity: $\leq 93\%$ (at $+40^{\circ}\text{C}$);
3. Atmospheric pressure: 62kpa~101kpa (Approximate elevation 0 ~ 5000m) ;
4. Insert Loss: $\leq 0.35\text{dB}$;
5. Return Loss: $\geq 50\text{ dB}$;
6. Plug durability: >1000 times;
7. Insulation resistance: $\geq 1000\text{M}\Omega/500\text{V}(\text{DC})$;
- 8 Grounding resistance : $>3000\text{V}(\text{DC})/1\text{min}$ without breakdown, flashover

OMC's FDB Family

OMC mainly offer The wall mount fiber Distribution boxes are designed for either pre-connectorized cables, field installation of connectors, or field splicing of pigtails. They offer an ideal solution for building entrance terminals, telecommunication closets, main cross-connects, computer rooms and other controlled environments.

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Fiber Distribution Box: FDB-102A-1

Water-proof design with IP-55 Protection level
 Integrated with splice cassette and cable management rods.
 Manage fibers in a reasonable fiber radius condition.
 Easy to maintain and extend the capacity
 Fiber bend radius control more than 40mm.
 Suitable for the fusion splice or mechanical splice.
 1x2 Splitter can be installed as an option.
 Efficient cable management.
 Entrance cable OD:7-10mm
 Distribution cable of 2 ports for 2-4mm drop cable.
 Wall Mount Install



Standard Accessories

Installation nuts, Splice sleeves, Plastic key

Configuration

Material	Size	Max Capacity		Numbers of Adapter	Weight	Color
PC+ABS	L*W*H(mm) 168*120*32	Splice 4 Fibers	PLC Splitter 1pcs of 1x2(SC)	2 pcs SC/UPC or SC/APC	0.2kgs	Light Grey

Fiber Distribution Box: FDB-102A-2

Water-proof design with IP-55 Protection level
 Integrated with splice cassette and cable management rods.
 Manage fibers in a reasonable fiber radius condition.
 Easy to maintain and extend the capacity
 Fiber bend radius control more than 40mm.
 Suitable for the fusion splice or mechanical splice.
 1x2 Splitter can be installed as an option.
 Efficient cable management.
 Entrance cable OD:7-10mm
 Distribution cable of 2 ports for 2-4mm drop cable.
 Wall Mount Install



Standard Accessories

Installation nuts, Splice sleeves, Plastic key

Configuration

Material	Size	Max Capacity		Numbers of Adapter	Weight	Color
PC+ABS	L*W*H(mm) 210*135*40mm	Splice 4 Fibers	PLC Splitter 1pcs of 1x2(SC)	2 pcs SC/UPC or SC/APC	0.2kgs	Light Grey



2-4 cores Fiber Distribution box

Fiber Distribution Box: FDB-102B

Water-proof design with IP-55 Protection level
 Integrated with splice cassette and cable management rods.
 Manage fibers in a reasonable fiber radius condition.
 Easy to maintain and extend the capacity
 Fiber bend radius control more than 40mm.
 Suitable for the fusion splice or mechanical splice.
 1x2 Splitter can be installed as an option.
 Efficient cable management.
 Entrance cable OD:7-10mm
 Distribution cable of 2 ports for 2-4mm drop cable.
 Wall Mount Install



Standard Accessories

Installation nuts, Splice sleeves, Plastic key

Configuration

Material	Size	Max Capacity		Numbers of Adapter	Weight	Color
PC+ABS	L*W*H(mm) 208*153*52	Splice 2/4 Fibers	PLC Splitter 1pcs of 1x2(SC)	2 pcs SC/UPC or SC/APC	0.4kgs	Light Grey

Fiber Distribution Box: FDB-104A

Water-proof design with IP-55 Protection level
 Integrated with splice cassette and cable management rods.
 Manage fibers in a reasonable fiber radius condition.
 Easy to maintain and extend the capacity
 Fiber bend radius control more than 40mm.
 Suitable for the fusion splice or mechanical splice.
 1x4 Splitter can be installed as an option.
 Efficient cable management.
 Entrance cable OD:7-10mm
 Distribution cable of 4 ports for 2-4mm drop cable.
 Wall Mount Install

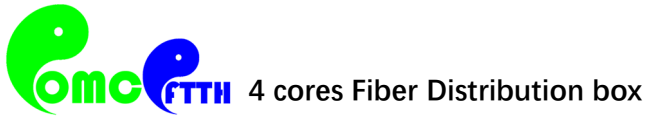


Standard Accessories

Installation nuts, Splice sleeves, Plastic key

Configuration

Material	Size	Max Capacity		Numbers of Adapter	Weight	Color
PC+ABS	L*W*H(mm) 195*155*41	Splice 4/8 Fibers	PLC Splitter 1pcs of 1x4(SC)	4 pcs SC/UPC or SC/APC	0.8kgs	Light Grey



Fiber Distribution Box: FDB-104B

Water-proof design with IP-55 Protection level
 Integrated with splice cassette and cable management rods.
 Manage fibers in a reasonable fiber radius condition.
 Easy to maintain and extend the capacity
 Fiber bend radius control more than 40mm.
 Suitable for the fusion splice or mechanical splice.
 1x4 Splitter can be installed as an option.
 Efficient cable management.
 Entrance cable OD:7-10mm
 Distribution cable of 4 ports for 2-4mm drop cable.
 Wall Mount Install



Standard Accessories

Installation nuts, Splice sleeves, Plastic key

Configuration

Material	Size	Max Capacity		Numbers of Adapter	Weight	Color
PC+ABS	L*W*H(mm) 191*120*44	Splice 4/8 Fibers	PLC Splitter 1pcs of 1x4(SC)	4 pcs SC/UPC or SC/APC	0.9kgs	Light Grey

Fiber Distribution Box: FDB-104C-1

Water-proof design with IP-55 Protection level
 Integrated with splice cassette and cable management rods.
 Manage fibers in a reasonable fiber radius condition.
 Easy to maintain and extend the capacity
 Fiber bend radius control more than 40mm.
 Suitable for the fusion splice or mechanical splice.
 1x2/1x4 Splitter can be installed as an option.
 Efficient cable management.
 Entrance cable OD:7-10mm
 Distribution cable of 4 ports for 2-4mm drop cable.
 Wall Mount Install



Standard Accessories

Installation nuts, Splice sleeves, Plastic key

Configuration

Material	Size	Max Capacity		Numbers of Adapter	Weight	Color
PC+ABS	L*W*H(mm) 210*140*40	Splice 4/8 Fibers	PLC Splitter 1pcs of 1x4(SC)	4 pcs SC/UPC or SC/APC	0.9kgs	Light Grey



4-6 cores Fiber Distribution box

Fiber Distribution Box: FDB-104C-2

Water-proof design with IP-55 Protection level
 Integrated with splice cassette and cable management rods.
 Manage fibers in a reasonable fiber radius condition.
 Easy to maintain and extend the capacity
 Fiber bend radius control more than 40mm.
 Suitable for the fusion splice or mechanical splice.
 1x2/1x4 Splitter can be installed as an option.
 Efficient cable management.
 Entrance cable OD:7-10mm
 Distribution cable of 4 ports for 2-4mm drop cable.
 Wall Mount Install



Standard Accessories

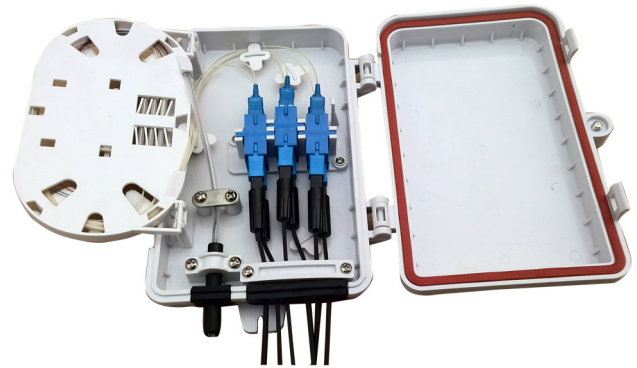
Installation nuts, Splice sleeves, Plastic key

Configuration

Material	Size	Max Capacity		Numbers of Adapter	Weight	Color
PC+ABS	L*W*H(mm) 210*140*40	Splice 4/8 Fibers	PLC Splitter 1pcs of 1x4(SC)	4 pcs SC/UPC or SC/APC	0.9kgs	Light Grey

Fiber Distribution Box: FDB-106A-1

Water-proof design with IP-55 Protection level
 Integrated with splice cassette and cable management rods.
 Manage fibers in a reasonable fiber radius condition.
 Easy to maintain and extend the capacity
 Fiber bend radius control more than 40mm.
 Suitable for the fusion splice or mechanical splice.
 1x2/1x4 Splitter can be installed as an option.
 Efficient cable management.
 Entrance cable OD:7-10mm
 Distribution cable of 6 ports for 2-4mm drop cable.
 Wall Mount Install

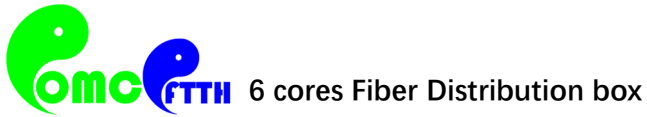


Standard Accessories

Installation nuts, Splice sleeves, Plastic key

Configuration

Material	Size	Max Capacity		Numbers of Adapter	Weight	Color
PC+ABS	L*W*H(mm) 210*140*40	Splice 4/8 Fibers	PLC Splitter 1pcs of 1x4(SC)	4 pcs SC/UPC or SC/APC	0.9kgs	Light Grey



Fiber Distribution Box: FDB-106A-2

Water-proof design with IP-55 Protection level
 Integrated with splice cassette and cable management rods.
 Manage fibers in a reasonable fiber radius condition.
 Easy to maintain and extend the capacity
 Fiber bend radius control more than 40mm.
 Suitable for the fusion splice or mechanical splice.
 1x2/1x4 Splitter can be installed as an option.
 Efficient cable management.
 Entrance cable OD:7-10mm
 Distribution cable of 6 ports for 2-4mm drop cable.
 Wall Mount Install



Standard Accessories

Installation nuts, Splice sleeves, Plastic key

Configuration

Material	Size	Max Capacity		Numbers of Adapter	Weight	Color
PC+ABS	L*W*H(mm) 210*140*40	Splice 4/8 Fibers	PLC Splitter 1pcs of 1x4(SC)	4 pcs SC/UPC or SC/APC	0.9kgs	Light Grey

Fiber Distribution Box: FDB-106B

Water-proof design with IP-55 Protection level
 Integrated with splice cassette and cable management rods.
 Manage fibers in a reasonable fiber radius condition.
 Easy to maintain and extend the capacity
 Fiber bend radius control more than 40mm.
 Suitable for the fusion splice or mechanical splice.
 1x2/1x4 Splitter can be installed as an option.
 Efficient cable management.
 Entrance cable OD:6-12mm
 Distribution cable of 6 ports for 2-4mm drop cable.
 Wall Mount Install

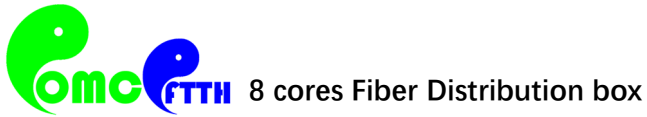


Standard Accessories

Installation nuts, Splice sleeves, Metal key

Configuration

Material	Size	Max Capacity		Numbers of Adapter	Weight	Color
PC+ABS	L*W*H(mm) 258186*61	Splice Fibers 12- 24F	PLC Splitter 1pcs of 1x8/1x16	6 pcs SC Duplex or LC quad adapter	0.9kgs	Light Grey



Fiber Distribution Box: FDB-108A-1

Water-proof design with IP-55 Protection level
 Integrated with splice cassette and cable management rods.
 Manage fibers in a reasonable fiber radius condition.
 Easy to maintain and extend the capacity
 Fiber bend radius control more than 40mm.
 Suitable for the fusion splice or mechanical splice.
 1x4/1x8 Splitter Can be installed as an option.
 Efficient cable management.
 Entrance cable OD:7-10mm
 Distribution cable of 8 ports for 2-4mm drop cable.
 Wall Mount and Pole mount Install



Standard Accessories

Installation nuts, Splice sleeves, Plastic key

Configuration

Material	Size	Max Capacity		Numbers of Adapter	Weight	Color
PC+ABS	L*W*H(mm) 215*200*54	Splice 8/16 Fibers	PLC Splitter 1pcs of 1x8(SC)	8 pcs SC/UPC or SC/APC	1.2kgs	Light Grey

Fiber Distribution Box: FDB-108A-2

Water-proof design with IP-55 Protection level
 Integrated with splice cassette and cable management rods.
 Manage fibers in a reasonable fiber radius condition.
 Easy to maintain and extend the capacity
 Fiber bend radius control more than 40mm.
 Suitable for the fusion splice or mechanical splice.
 1x2/1x4/1x8 Splitter can be installed as an option.
 Efficient cable management.
 Entrance cable OD:7-10mm
 Distribution cable of 8 ports for 2-4mm drop cable.
 Wall Mount and Pole mount Install

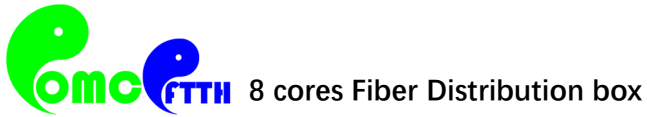


Standard Accessories

Installation nuts, Splice sleeves, Metal key

Configuration

Material	Size	Max Capacity		Numbers of Adapter	Weight	Color
PC+ABS	L*W*H(mm) 227*181*55	Splice 8/16 Fibers	PLC Splitter 1pcs of 1x8(SC)	8 pcs SC/UPC or SC/APC	1.2kgs	Light Grey



Fiber Distribution Box: FDB-108A-3

Water-proof design with IP-55 Protection level
 Integrated with splice cassette and cable management rods.
 Manage fibers in a reasonable fiber radius condition.
 Easy to maintain and extend the capacity
 Fiber bend radius control more than 40mm.
 Suitable for the fusion splice or mechanical splice.
 1x4/1x8 Splitter Can be installed as an option.
 Efficient cable management.
 Entrance cable OD:7-10mm
 Distribution cable of 8 ports for 2-4mm drop cable.
 Wall Mount and Pole mount Install



Standard Accessories

Installation nuts, Splice sleeves, Metal key

Configuration

Material	Size	Max Capacity		Numbers of Adapter	Weight	Color
PC+ABS	L*W*H(mm) 227*181*55	Splice 8/16 Fibers	PLC Splitter 1pcs of 1x8(SC)	8 pcs SC/UPC or SC/APC	1.2kgs	Light Grey

Fiber Distribution Box: FDB-108A-4

Water-proof design with IP-55 Protection level
 Integrated with splice cassette and cable management rods.
 Manage fibers in a reasonable fiber radius condition.
 Easy to maintain and extend the capacity
 Fiber bend radius control more than 40mm.
 Suitable for the fusion splice or mechanical splice.
 1x2/1x4/1x8 Splitter can be installed as an option.
 Efficient cable management.
 Entrance cable OD:7-10mm
 Distribution cable of 8 ports for 2-4mm drop cable.
 Wall Mount and Pole mount Install

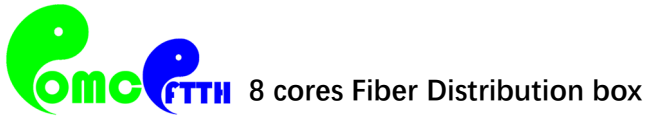


Standard Accessories

Installation nuts, Splice sleeves, Metal key

Configuration

Material	Size	Max Capacity		Numbers of Adapter	Weight	Color
PC+ABS	L*W*H(mm) 225*220*55	Splice 8/16 Fibers	PLC Splitter 1pcs of 1x8(SC)	8 pcs SC/UPC or SC/APC	1.2kgs	Light Grey



Fiber Distribution Box: FDB-108A-3

Water-proof design with IP-55 Protection level
 Integrated with splice cassette and cable management rods.
 Manage fibers in a reasonable fiber radius condition.
 Easy to maintain and extend the capacity
 Fiber bend radius control more than 40mm.
 Suitable for the fusion splice or mechanical splice.
 1x4/1x8 Splitter Can be installed as an option.
 Efficient cable management.
 Entrance cable OD:7-10mm
 Distribution cable of 8 ports for 2-4mm drop cable.
 Wall Mount and Pole mount Install



Standard Accessories

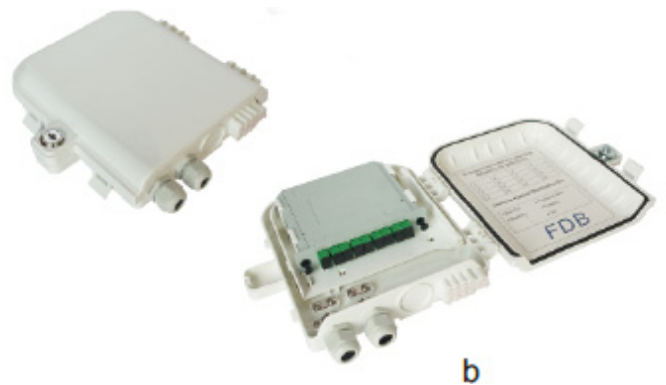
Installation nuts, Splice sleeves, Metal key

Configuration

Material	Size	Max Capacity		Numbers of Adapter	Weight	Color
PC+ABS	L*W*H(mm) 227*181*55	Splice 8/16 Fibers	PLC Splitter 1pcs of 1x8(SC)	8 pcs SC/UPC or SC/APC	1.2kgs	Light Grey

Fiber Distribution Box: FDB-108A-4

Water-proof design with IP-55 Protection level
 Integrated with splice cassette and cable management rods.
 Manage fibers in a reasonable fiber radius condition.
 Easy to maintain and extend the capacity
 Fiber bend radius control more than 40mm.
 Suitable for the fusion splice or mechanical splice.
 1x2/1x4/1x8 Splitter can be installed as an option.
 Efficient cable management.
 Entrance cable OD:7-10mm
 Distribution cable of 8 ports for 2-4mm drop cable.
 Wall Mount and Pole mount Install



Standard Accessories

Installation nuts, Splice sleeves, Metal key

Configuration

Material	Size	Max Capacity		Numbers of Adapter	Weight	Color
PC+ABS	L*W*H(mm) 225*220*55	Splice 8/16 Fibers	PLC Splitter 1pcs of 1x8(SC)	8 pcs SC/UPC or SC/APC	1.2kgs	Light Grey

Fiber Distribution Box: FDB-108A-5

Water-proof design with IP-55 Protection level
 Integrated with splice cassette and cable management rods.
 Manage fibers in a reasonable fiber radius condition.
 Easy to maintain and extend the capacity
 Fiber bend radius control more than 40mm.
 Suitable for the fusion splice or mechanical splice.
 1x4/1x8 Splitter Can be installed as an option.
 Efficient cable management.
 Entrance cable OD:7-10mm
 Distribution cable of 8 ports for 2-4mm drop cable.
 Wall Mount and Pole mount Install



Standard Accessories

Installation nuts, Splice sleeves, Metal key

Configuration

Material	Size	Max Capacity		Numbers of Adapter	Weight	Color
PC+ABS	L*W*H(mm) 225*220*55	Splice 8/16 Fibers	PLC Splitter 1pcs of 1x8(SC)	8 pcs SC/UPC or SC/APC	1.2kgs	Black

Fiber Distribution Box: FDB-108A-6

Water-proof design with IP-55 Protection level
 Integrated with splice cassette and cable management rods.
 Manage fibers in a reasonable fiber radius condition.
 Easy to maintain and extend the capacity
 Fiber bend radius control more than 40mm.
 Suitable for the fusion splice or mechanical splice.
 1x2/1x4/1x8 Splitter can be installed as an option.
 Efficient cable management.
 Entrance cable OD:7-10mm
 Distribution cable of 8 ports for 2-4mm drop cable.
 Wall Mount and Pole mount Install

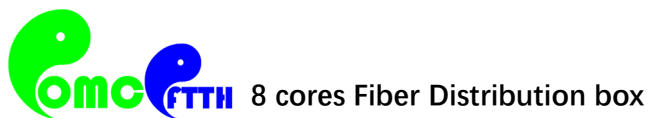


Standard Accessories

Installation nuts, Splice sleeves, Metal key

Configuration

Material	Size	Max Capacity		Numbers of Adapter	Weight	Color
PC+ABS	L*W*H(mm) 225*220*55	Splice 8/16 Fibers	PLC Splitter 1pcs of 1x8(SC)	8 pcs SC/UPC or SC/APC	1.2kgs	Black



Fiber Distribution Box: FDB-108B

Water-proof design with IP-55 Protection level
 Integrated with splice cassette and cable management rods.
 Manage fibers in a reasonable fiber radius condition.
 Easy to maintain and extend the capacity
 Fiber bend radius control more than 40mm.
 Suitable for the fusion splice or mechanical splice.
 1x2/1x4/1x8 Splitter Can be installed as an option.
 Efficient cable management.
 Entrance cable OD:7-10mm
 Distribution cable of 8 ports for 2-4mm drop cable.
 Wall Mount and Pole mount Install



Standard Accessories

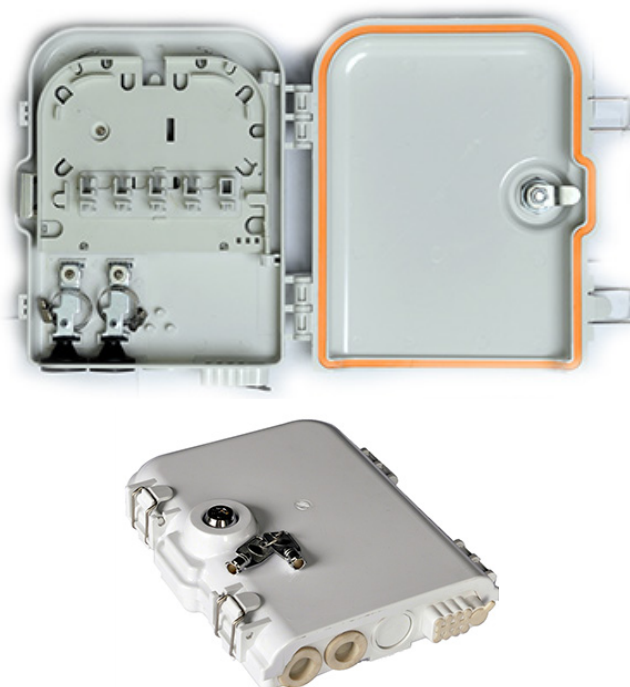
Installation nuts, Splice sleeves, Metal key

Configuration

Material	Size	Max Capacity		Numbers of Adapter	Weight	Color
PC+ABS	L*W*H(mm) 213*163*47	Splice 8/16 Fibers	PLC Splitter 1pcs of 1x8(SC)	8 pcs SC/UPC or SC/APC	1.1kgs	Grey

Fiber Distribution Box: FDB-108C

Water-proof design with IP-55 Protection level
 Integrated with splice cassette and cable management rods.
 Manage fibers in a reasonable fiber radius condition.
 Easy to maintain and extend the capacity
 Fiber bend radius control more than 40mm.
 Suitable for the fusion splice or mechanical splice.
 1x2/1x4/1x8 Splitter can be installed as an option.
 Efficient cable management.
 Entrance cable OD:7-10mm
 Distribution cable of 8 ports for 2-4mm drop cable.
 Wall Mount and Pole mount Install

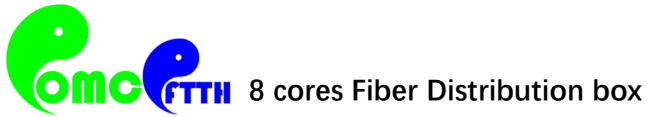


Standard Accessories

Installation nuts, Splice sleeves, Metal key

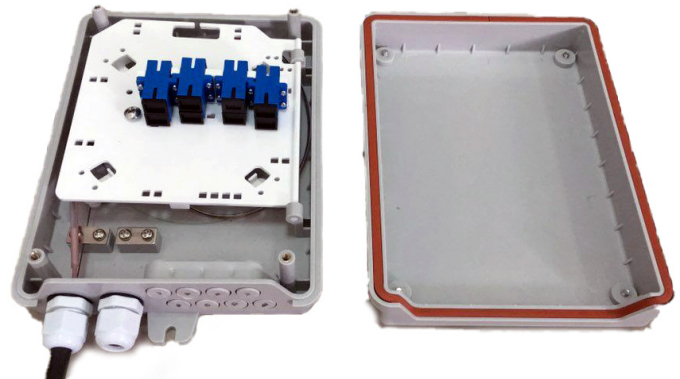
Configuration

Material	Size	Max Capacity		Numbers of Adapter	Weight	Color
PC+ABS	L*W*H(mm) 240*195*66	Splice 8/16 Fibers	PLC Splitter 1pcs of 1x8(SC)	8 pcs SC/UPC or SC/APC	1.2kgs	Shiny White



Fiber Distribution Box: FDB-108D

Water-proof design with IP-55 Protection level
 Integrated with splice cassette and cable management rods.
 Manage fibers in a reasonable fiber radius condition.
 Easy to maintain and extend the capacity
 Fiber bend radius control more than 40mm.
 Suitable for the fusion splice or mechanical splice.
 1x2/1x4/1x8 Splitter Can be installed as an option.
 Efficient cable management.
 Entrance cable OD:7-10mm
 Distribution cable of 8 ports for 2-4mm drop cable.
 Wall Mount Install



Standard Accessories

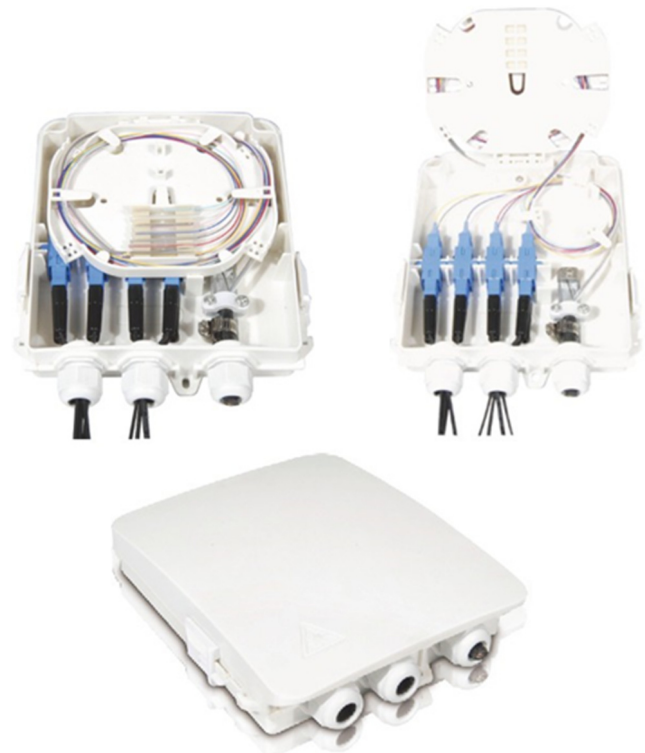
Installation nuts, Splice sleeves

Configuration

Material	Size	Max Capacity		Numbers of Adapter	Weight	Color
PC+ABS	L*W*H(mm) 225*150*46	Splice 8/16 Fibers	PLC Splitter 1pcs of 1x8(SC)	8 pcs SC/UPC or SC/APC	1.1kgs	Grey

Fiber Distribution Box: FDB-108E

Water-proof design with IP-55 Protection level
 Integrated with splice cassette and cable management rods.
 Manage fibers in a reasonable fiber radius condition.
 Easy to maintain and extend the capacity
 Fiber bend radius control more than 40mm.
 Suitable for the fusion splice or mechanical splice.
 1x2/1x4/1x8 Splitter can be installed as an option.
 Efficient cable management.
 Entrance cable OD:7-10mm
 Distribution cable of 8 ports for 2-4mm drop cable.
 Wall Mount Install

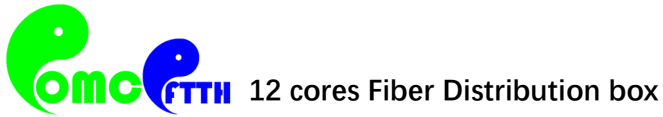


Standard Accessories

Installation nuts, Splice sleeves

Configuration

Material	Size	Max Capacity		Numbers of Adapter	Weight	Color
PC+ABS	L*W*H(mm) 199*160*46	Splice 8/16 Fibers	PLC Splitter 1pcs of 1x8(SC)	8 pcs SC/UPC or SC/APC	1kg	Light Grey



Fiber Distribution Box: FDB-12A

Water-proof design with IP-55 Protection level
 Integrated with splice cassette and cable management rods.
 Manage fibers in a reasonable fiber radius condition.
 Easy to maintain and extend the capacity
 Fiber bend radius control more than 40mm.
 Suitable for the fusion splice or mechanical splice.
 1x2/1x4/1x8 Splitter Can be installed as an option.
 Efficient cable management.
 Entrance cable OD:7-10mm
 Distribution cable of 12 ports for 2-4mm drop cable.
 Wall Mount and Pole mount Install



Standard Accessories

Installation nuts, Splice sleeves, Metal key

Configuration

Material	Size	Max Capacity		Numbers of Adapter	Weight	Color
PC+ABS	L*W*H(mm) 204*200*50	Splice 12/24 Fibers	PLC Splitter 1pcs of 1x8(SC)	12 pcs SC/UPC or SC/APC	1.1kgs	Light Grey

Fiber Distribution Box: FDB-12B-1

Water-proof design with IP-65 Protection level
 Integrated with splice cassette and cable management rods.
 Manage fibers in a reasonable fiber radius condition.
 Easy to maintain and extend the capacity
 Fiber bend radius control more than 40mm.
 Suitable for the fusion splice or mechanical splice.
 1x2/1x4/1x8 Splitter can be installed as an option.
 Efficient cable management.
 Entrance cable OD:7-10mm
 Distribution cable of 12 ports for 2-4mm drop cable.
 Wall Mount and Pole mount Install

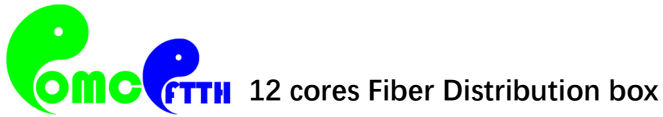


Standard Accessories

Installation nuts, Splice sleeves, Metal key

Configuration

Material	Size	Max Capacity		Numbers of Adapter	Weight	Color
PC+ABS	L*W*H(mm) 248*189*72	Splice 12/24 Fibers	PLC Splitter 1pcs of 1x8(SC)	12 pcs SC/UPC or SC/APC	1.2kgs	Light Grey



Fiber Distribution Box: FDB-12B-2

Water-proof design with IP-66 Protection level
 Integrated with splice cassette and cable management rods.
 Manage fibers in a reasonable fiber radius condition.
 Easy to maintain and extend the capacity
 Fiber bend radius control more than 40mm.
 Suitable for the fusion splice or mechanical splice.
 1x2/1x4/1x8 Splitter Can be installed as an option.
 Efficient cable management.
 Entrance cable OD:7-10mm
 Distribution cable of 12 ports for 2-4mm drop cable.
 Wall Mount and Pole mount Install



Standard Accessories

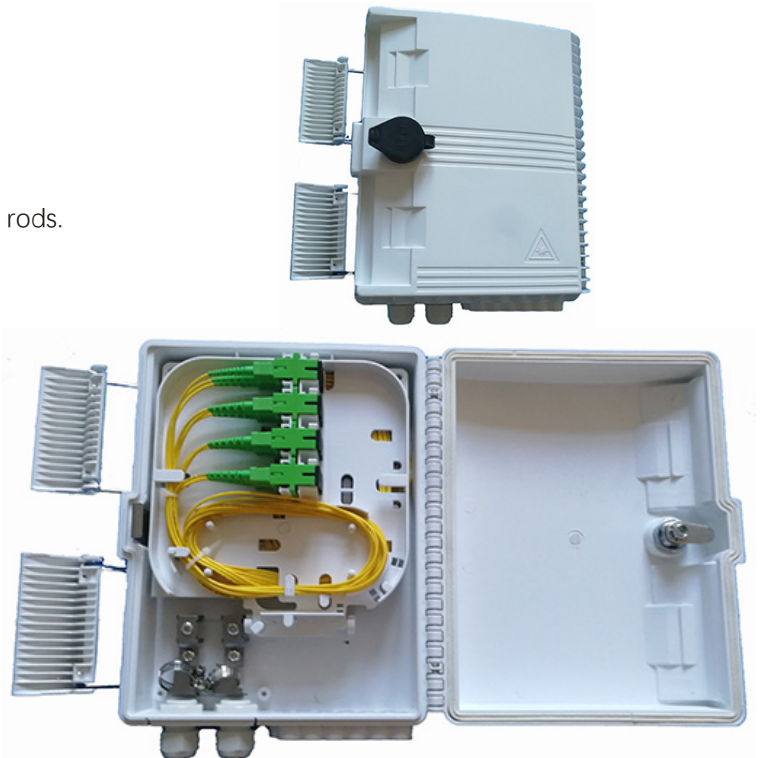
Installation nuts, Splice sleeves, Metal key

Configuration

Material	Size	Max Capacity		Numbers of Adapter	Weight	Color
PC+ABS	L*W*H(mm) 250*200*72	Splice 12/24 Fibers	PLC Splitter 1pcs of 1x8(SC)	12 pcs SC/UPC or SC/APC	1.5kgs	Light Grey

Fiber Distribution Box: FDB-12B-3

Water-proof design with IP-66 Protection level
 Integrated with splice cassette and cable management rods.
 Manage fibers in a reasonable fiber radius condition.
 Easy to maintain and extend the capacity
 Fiber bend radius control more than 40mm.
 Suitable for the fusion splice or mechanical splice.
 1x2/1x4/1x8 Splitter can be installed as an option.
 Efficient cable management.
 Entrance cable OD:7-10mm
 Distribution cable of 12 ports for 2-4mm drop cable.
 Wall Mount and Pole mount Install

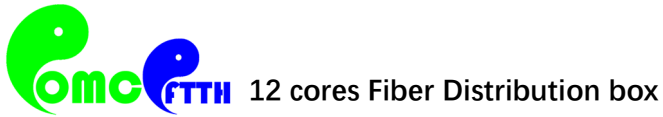


Standard Accessories

Installation nuts, Splice sleeves, Metal key

Configuration

Material	Size	Max Capacity		Numbers of Adapter	Weight	Color
PC+ABS	L*W*H(mm) 250*189*72	Splice 12/24 Fibers	PLC Splitter 1pcs of 1x8(SC)	12 pcs SC/UPC or SC/APC	1.2kgs	Light Grey



Fiber Distribution Box: FDB-12C

Water-proof design with IP-65 Protection level
 Integrated with splice cassette and cable management rods.
 Manage fibers in a reasonable fiber radius condition.
 Easy to maintain and extend the capacity
 Fiber bend radius control more than 40mm.
 Suitable for the fusion splice or mechanical splice.
 1x2/1x4/1x8 Splitter Can be installed as an option.
 Efficient cable management.
 Entrance cable OD:7-10mm
 Distribution cable of 12 ports for 2-4mm drop cable.
 Wall Mount and Pole mount Install

Standard Accessories

Installation nuts, Splice sleeves, Metal key

Configuration

Material	Size	Max Capacity		Numbers of Adapter	Weight	Color
PC+ABS	L*W*H(mm) 245*205*65	Splice 12/24 Fibers	PLC Splitter 1pcs of 1x8(SC)	12 pcs SC/UPC or SC/APC	1.5kgs	Light Grey



Fiber Distribution Box: FDB-12D

Water-proof design with IP-65 Protection level
 Integrated with splice cassette and cable management rods.
 Manage fibers in a reasonable fiber radius condition.
 Easy to maintain and extend the capacity
 Fiber bend radius control more than 40mm.
 Suitable for the fusion splice or mechanical splice.
 1x2/1x4/1x8 Splitter can be installed as an option.
 Efficient cable management.
 Entrance cable OD:7-10mm
 Distribution cable of 12 ports for 2-4mm drop cable.
 Wall Mount and Pole mount Install

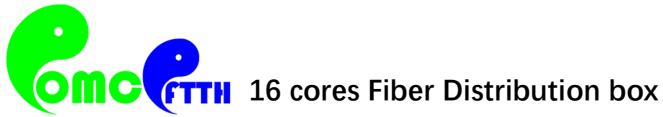


Standard Accessories

Installation nuts, Splice sleeves, Metal key

Configuration

Material	Size	Max Capacity		Numbers of Adapter	Weight	Color
PC+ABS	L*W*H(mm) 235*200*62	Splice 12/24 Fibers	PLC Splitter 1pcs of 1x8(SC)	12 pcs SC/UPC or SC/APC	1.2kgs	Light Grey



Fiber Distribution Box: FDB-16A-1

Water-proof design with IP-65 Protection level
 Integrated with splice cassette and cable management rods.
 Manage fibers in a reasonable fiber radius condition.
 Easy to maintain and extend the capacity
 Fiber bend radius control more than 40mm.
 Suitable for the fusion splice or mechanical splice.
 1x2/1x4/1x8/1x16 Splitter Can be installed as an option.
 Efficient cable management.
 Entrance cable OD:7-13mm
 Distribution cable of 16 ports for 2-4mm drop cable.
 Wall Mount and Pole mount Install



Standard Accessories

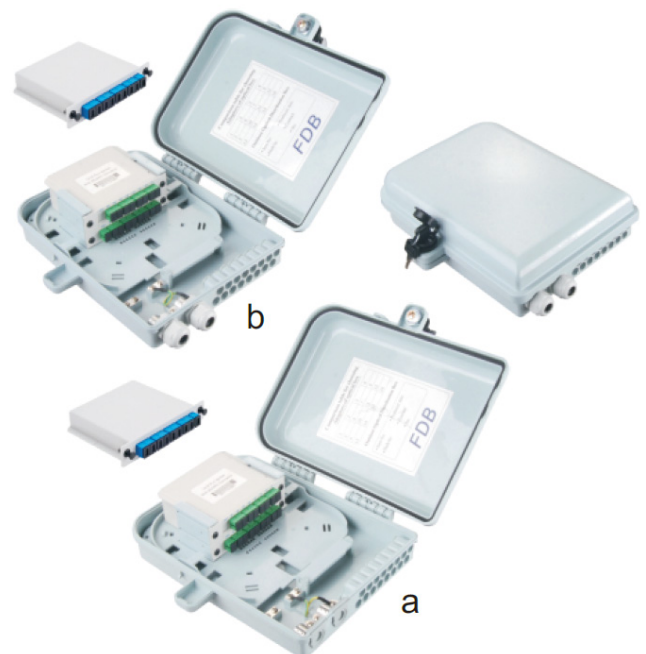
Installation nuts, Splice sleeves, Metal key

Configuration

Material	Size	Max Capacity		Numbers of Adapter	Weight	Color
PC+ABS	L*W*H(mm) 320*260*93	Splice 16/32 Fibers	PLC Splitter 1pcs of 1x8(SC)	16 pcs SC/UPC or SC/APC	2.1kgs	Light Grey

Fiber Distribution Box: FDB-16A-2

Water-proof design with IP-65 Protection level
 Integrated with splice cassette and cable management rods.
 Manage fibers in a reasonable fiber radius condition.
 Easy to maintain and extend the capacity
 Fiber bend radius control more than 40mm.
 Suitable for the fusion splice or mechanical splice.
 1x2/1x4/1x8/1x16 Splitter can be installed as an option.
 Efficient cable management.
 Entrance cable OD:7-10mm
 Distribution cable of 16 ports for 2-4mm drop cable.
 Wall Mount and Pole mount Install

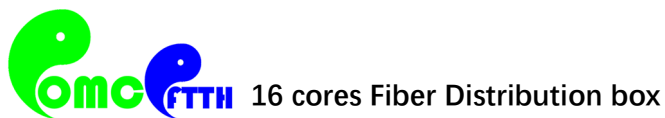


Standard Accessories

Installation nuts, Splice sleeves, Metal key

Configuration

Material	Size	Max Capacity		Numbers of Adapter	Weight	Color
PC+ABS	L*W*H(mm) 300*230*75	Splice 16/32 Fibers	PLC Splitter 1pcs of 1x8(SC)	16 pcs SC/UPC or SC/APC	1.2kgs	Light Grey



Fiber Distribution Box: FDB-16C-1

Water-proof design with IP-66 Protection level
 Integrated with splice cassette and cable management rods.
 Manage fibers in a reasonable fiber radius condition.
 Easy to maintain and extend the capacity
 Fiber bend radius control more than 40mm.
 Suitable for the fusion splice or mechanical splice.
 1x2/1x4/1x8/1x16 Splitter Can be installed as an option.
 Efficient cable management.
 Entrance cable OD:6-12mm
 Distribution cable of 16 ports for 2-4mm drop cable.
 Wall Mount and Pole mount Install



Configuration

Material	Size	Max Capacity		Numbers of Adapter	Weight	Color
PC+ABS	L*W*H(mm) 303x236x109	Splice 16/32 Fibers	1*8/1*16 mini type splitter	16 pcs SC/UPC or SC/APC	1.5kgs	Black

Standard Accessories: Installation nuts, Splice sleeves, Metal key, Wall mount accessories, 1 set

Optional Accessories: Pole mounted rings x 2pcs

Fiber Distribution Box: FDB-16C-2

Water-proof design with IP-66 Protection level
 Integrated with splice cassette and cable management rods.
 Manage fibers in a reasonable fiber radius condition.
 Easy to maintain and extend the capacity
 Fiber bend radius control more than 40mm.
 Suitable for the fusion splice or mechanical splice.
 1x2/1x4/1x8/1x16 Splitter can be installed as an option.
 Efficient cable management.
 Entrance cable OD:6-12mm
 Distribution cable of 16 ports for 2-4mm drop cable.
 Wall Mount and Pole mount Install



Standard Accessories

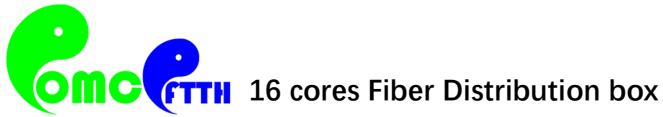
Installation nuts, Splice sleeves, Metal key

Configuration

Material	Size	Max Capacity		Numbers of Adapter	Weight	Color
PC+ABS	L*W*H(mm) 303x236x109	Splice 16/32 Fibers	1*8 /1*16 Cassette PLC splitter	16 pcs SC/UPC or SC/APC	1.2kgs	Black

Standard Accessories: Installation nuts, Splice sleeves, Metal key, Wall mount accessories, 1 set

Optional Accessories: Pole mounted rings x 2pcs



Fiber Distribution Box: FDB-16C-3

Water-proof design with IP-66 Protection level
 Integrated with splice cassette and cable management rods.
 Manage fibers in a reasonable fiber radius condition.
 Easy to maintain and extend the capacity
 Fiber bend radius control more than 40mm.
 Suitable for the fusion splice or mechanical splice.
 1x2/1x4/1x8/1x16 Splitter Can be installed as an option.
 Efficient cable management.
 Entrance cable OD:6-12mm
 Distribution cable of 16 ports for 2-4mm drop cable.
 Wall Mount and Pole mount Install



Configuration

Material	Size	Max Capacity		Numbers of Adapter	Weight	Color
PC+ABS	L*W*H(mm) 303x236x109	Splice 12/24 Fibers	1*8/1*16 mini type splitter	16 pcs SC/UPC or SC/APC	1.5kgs	Black

Standard Accessories: Installation nuts, Splice sleeves, Metal key, Wall mount accessories, 1 set

Optional Accessories: Pole mounted rings x 2pcs

Fiber Distribution Box: FDB-16C-4

Water-proof design with IP-66 Protection level
 Integrated with splice cassette and cable management rods.
 Manage fibers in a reasonable fiber radius condition.
 Easy to maintain and extend the capacity
 Fiber bend radius control more than 40mm.
 Suitable for the fusion splice or mechanical splice.
 1x2/1x4/1x8/1x16 Splitter Can be installed as an option.
 Efficient cable management.
 Entrance cable OD:6-12mm

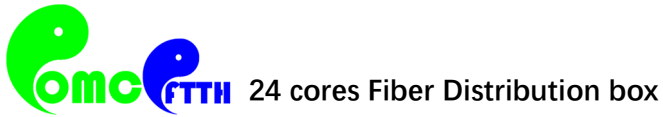


Configuration

Material	Size	Max Capacity		Numbers of Adapter	Weight	Color
PC+ABS	L*W*H(mm) 303x236x109	Splice 12/24 Fibers	1*8 /1*16 Cassette PLC splitter	16 pcs SC/UPC or SC/APC	1.5kgs	Black

Standard Accessories: Installation nuts, Splice sleeves, Metal key, Wall mount accessories, 1 set

Optional Accessories: Pole mounted rings x 2pcs



Fiber Distribution Box: FDB-24A-1

Water-proof design with IP-65 Protection level
 Integrated with splice cassette and cable management rods.
 Manage fibers in a reasonable fiber radius condition.
 Easy to maintain and extend the capacity
 Fiber bend radius control more than 40mm.
 Suitable for the fusion splice or mechanical splice.
 1x2/1x4/1x8/1x16 Splitter can be installed as an option.
 Efficient cable management.
 Entrance cable OD:7-10mm
 Distribution cable of 24 ports for 2-4mm drop cable.
 Wall Mount and Pole mount Install



Standard Accessories

Installation nuts, Splice sleeves, Metal key

Configuration

Material	Size	Max Capacity		Numbers of Adapter	Weight	Color
PC+ABS	L*W*H(mm) 345x270x95	Splice 24/48 Fibers	PLC Splitter 1pcs of 1x16(SC)	16 pcs SC/UPC or SC/APC	1.4kgs	Light Grey

Fiber Distribution Box: FDB-24B-1

Water-proof design with IP-65 Protection level
 Integrated with splice cassette and cable management rods.
 Manage fibers in a reasonable fiber radius condition.
 Easy to maintain and extend the capacity
 Fiber bend radius control more than 40mm.
 Suitable for the fusion splice or mechanical splice.
 1x2/1x4/1x8/1x16 Splitter Can be installed as an option.
 Efficient cable management.
 Entrance cable OD:7-13mm
 Distribution cable of 24 ports for 2-4mm drop cable.
 Wall Mount and Pole mount Install

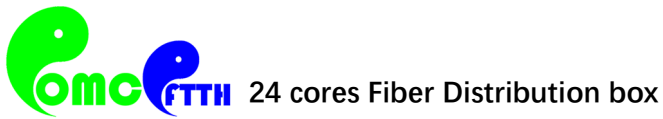


Standard Accessories

Installation nuts, Splice sleeves, Metal key

Configuration

Material	Size	Max Capacity		Numbers of Adapter	Weight	Color
PC+ABS	L*W*H(mm) 320*240x100	Splice 24/48 Fibers	PLC Splitter 1pcs of 1x16(SC)	24 pcs SC/UPC or SC/APC	1.5kgs	Light Grey



Fiber Distribution Box: FDB-24B-2

Water-proof design with IP-65 Protection level
 Integrated with splice cassette and cable management rods.
 Manage fibers in a reasonable fiber radius condition.
 Easy to maintain and extend the capacity
 Fiber bend radius control more than 40mm.
 Suitable for the fusion splice or mechanical splice.
 1x2/1x4/1x8/1x16 Splitter can be installed as an option.
 Efficient cable management.
 Entrance cable OD:7-10mm
 Distribution cable of 24 ports for 2-4mm drop cable.
 Wall Mount and Pole mount Install



Standard Accessories

Installation nuts, Splice sleeves, Metal key

Configuration

Material	Size	Max Capacity		Numbers of Adapter	Weight	Color
PC+ABS	L*W*H(mm) 320*240x100	Splice 24/48 Fibers	PLC Splitter 1pcs of 1x16(SC)	24 pcs SC/UPC or SC/APC	1.5kgs	Light Grey

Fiber Distribution Box: FDB-24B-3

Water-proof design with IP-65 Protection level
 Integrated with splice cassette and cable management rods.
 Manage fibers in a reasonable fiber radius condition.
 Easy to maintain and extend the capacity
 Fiber bend radius control more than 40mm.
 Suitable for the fusion splice or mechanical splice.
 1x2/1x4/1x8/1x16 Splitter Can be installed as an option.
 Efficient cable management.
 Entrance cable OD:7-10mm
 Distribution cable of 16 ports for 2-4mm drop cable.
 Wall Mount and Pole mount Install

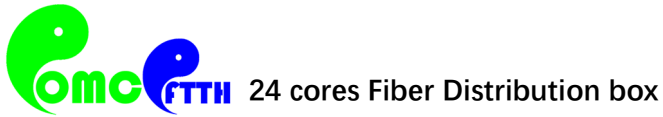


Standard Accessories

Installation nuts, Splice sleeves, metal key

Configuration

Material	Size	Max Capacity		Numbers of Adapter	Weight	Color
PC+ABS	L*W*H(mm) 320x240x100	Splice 24/48 Fibers	PLC Splitter 1pcs of 1x16(SC)	24 pcs SC/UPC or SC/APC	1.3kgs	Grey



Fiber Distribution Box: FDB-24C-1

Water-proof design with IP-66 Protection level
 Integrated with splice cassette and cable management rods.
 Manage fibers in a reasonable fiber radius condition.
 Easy to maintain and extend the capacity
 Fiber bend radius control more than 40mm.
 Suitable for the fusion splice or mechanical splice.
 1x2/1x4/1x8/1x16 Splitter can be installed as an option.
 Efficient cable management.
 Entrance cable OD:7-10mm
 Distribution cable of 24 ports for 2-4mm drop cable.
 Wall Mount and Pole mount Install



Standard Accessories

Installation nuts, Splice sleeves, Metal key

Configuration

Material	Size	Max Capacity		Numbers of Adapter	Weight	Color
PC+ABS	L*W*H(mm) 320x250x110	Splice 24/48 Fibers	PLC Splitter 1pcs of 1x16(SC)	24 pcs SC/UPC or SC/APC	1.2kgs	Black

Fiber Distribution Box: FDB-24C-2

Water-proof design with IP-66 Protection level
 Integrated with splice cassette and cable management rods.
 Manage fibers in a reasonable fiber radius condition.
 Easy to maintain and extend the capacity
 Fiber bend radius control more than 40mm.
 Suitable for the fusion splice or mechanical splice.
 1x2/1x4/1x8/1x16 Splitter Can be installed as an option.
 Efficient cable management.
 Entrance cable OD:7-10mm
 Distribution cable of 24 ports for 2-4mm drop cable.
 Wall Mount and Pole mount Install

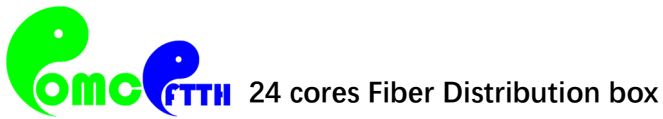


Standard Accessories

Installation nuts, Splice sleeves, Metal key

Configuration

Material	Size	Max Capacity		Numbers of Adapter	Weight	Color
PC+ABS	L*W*H(mm) 320x250x110	Splice 24/48 Fibers	PLC Splitter 1pcs of 1x16(SC)	24 pcs SC/UPC or SC/APC	1.5kgs	Light Grey



Fiber Distribution Box: FDB-24D-1

Water-proof design with IP-65 Protection level
 Integrated with splice cassette and cable management rods.
 Manage fibers in a reasonable fiber radius condition.
 Easy to maintain and extend the capacity
 Fiber bend radius control more than 40mm.
 Suitable for the fusion splice or mechanical splice.
 1x2/1x4/1x8/1x16 Splitter can be installed as an option.
 Efficient cable management.
 Entrance cable OD:7-10mm
 Distribution cable of 24 ports for 2-4mm drop cable.
 Wall Mount and Pole mount Install



Standard Accessories

Installation nuts, Splice sleeves, Plastic key

Configuration

Material	Size	Max Capacity		Numbers of Adapter	Weight	Color
PC+ABS	L*W*H(mm) 335x295.5x117	Splice 24/48 Fibers	PLC Splitter 1pcs of 1x16(SC)	24 pcs SC/UPC or SC/APC	1.5kgs	Light Grey

Fiber Distribution Box: FDB-24D-2

Water-proof design with IP-65 Protection level
 Integrated with splice cassette and cable management rods.
 Manage fibers in a reasonable fiber radius condition.
 Easy to maintain and extend the capacity
 Fiber bend radius control more than 40mm.
 Suitable for the fusion splice or mechanical splice.
 1x2/1x4/1x8/1x16 Splitter Can be installed as an option.
 Efficient cable management.
 Entrance cable OD:7-10mm
 Distribution cable of 24 ports for 2-4mm drop cable.
 Wall Mount and Pole mount Install



Standard Accessories

Installation nuts, Splice sleeves, Plastic key

Configuration

Material	Size	Max Capacity		Numbers of Adapter	Weight	Color
PC+ABS	L*W*H(mm) 303x236x109	Splice 24/48 Fibers	PLC Splitter 1pcs of 1x16(SC)	24 pcs SC/UPC or SC/APC	1.5kgs	Light Grey



24 cores Fiber Distribution box

Fiber Distribution Box: FDB-24D-3

Water-proof design with IP-65 Protection level
 Integrated with splice cassette and cable management rods.
 Manage fibers in a reasonable fiber radius condition.
 Easy to maintain and extend the capacity
 Fiber bend radius control more than 40mm.
 Suitable for the fusion splice or mechanical splice.
 1x2/1x4/1x8/1x16 Splitter can be installed as an option.
 Efficient cable management.
 Entrance cable OD:7-10mm
 Distribution cable of 24 ports for 2-4mm drop cable.
 Wall Mount and Pole mount Install



Standard Accessories

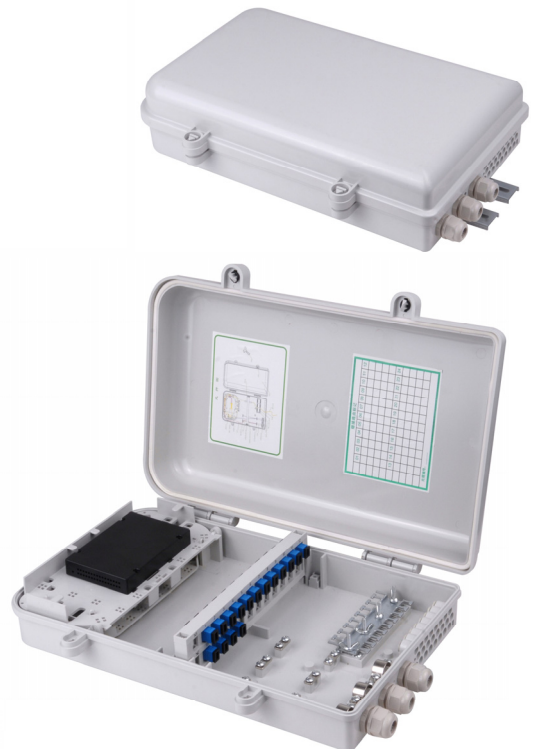
Installation nuts, Splice sleeves, Plastic key

Configuration

Material	Size	Max Capacity		Numbers of Adapter	Weight	Color
PC+ABS	L*W*H(mm) 303x236x109	Splice 24/48 Fibers	PLC Splitter 1pcs of 1x16(SC)	24 pcs SC/UPC or SC/APC	1.2kgs	Light Grey

Fiber Distribution Box: FDB-24E

Water-proof design with IP-65 Protection level
 Integrated with splice cassette and cable management rods.
 Manage fibers in a reasonable fiber radius condition.
 Easy to maintain and extend the capacity
 Fiber bend radius control more than 40mm.
 Suitable for the fusion splice or mechanical splice.
 1x2/1x4/1x8/1x16 Splitter Can be installed as an option.
 Efficient cable management.
 Entrance cable OD:7-10mm
 Distribution cable of 24 ports for 2-4mm drop cable.
 Wall Mount and Pole mount Install

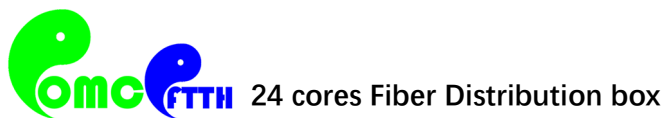


Standard Accessories

Installation nuts, Splice sleeves, Plastic key

Configuration

Material	Size	Max Capacity		Numbers of Adapter	Weight	Color
PC+ABS	L*W*H(mm) 410x295x102	Splice 24/48 Fibers	PLC Splitter 1pcs of 1x16(SC)	24 pcs SC/UPC or SC/APC	1.5kgs	Light Grey



Fiber Distribution Box: FDB-36A

Water-proof design with IP-65 Protection level
 Integrated with splice cassette and cable management rods.
 Manage fibers in a reasonable fiber radius condition.
 Easy to maintain and extend the capacity
 Fiber bend radius control more than 40mm.
 Suitable for the fusion splice or mechanical splice.
 1x2/1x4/1x8/1x16/1x32 Splitter can be installed as an option.
 Efficient cable management.
 Entrance cable OD:7-10mm
 Distribution cable of 36 ports for 2-4mm drop cable.
 Wall Mount and Pole mount Install



Standard Accessories

Installation nuts, Splice sleeves, Plastic key

Configuration

Material	Size	Max Capacity		Numbers of Adapter	Weight	Color
PC+ABS	L*W*H(mm) 421x314x104	Splice 36/72 Fibers	PLC Splitter 1pcs of 1x32(SC)	36 pcs SC/UPC or SC/APC	1.4kgs	Light Grey