RFS PRODUCT DATASHEET
SBIF-0ZXXSS-APAP-YC
Optical Fiber Cable Distribution Box, ABS,12-48 Cores,Pigtail is included

RFS' HYBRIFLEX ™ Optical fibre cable distribution box is a wiring line device of user distributions in FTTH system and distrubuted Radio system , it provides protection and management for fiber cable, and be used for terminating, cable branching, cross connection. It is mainly used for user access point in FTTH-ODN network , it can be divided into indoor and outdoor type according to the installation scenario, for example distribution type and optic-split type . Pigtail and Splice protection sleeve are included.

FEATURES / BENEFITS

· Made of high quality engineer plastic material (PC+ABS)

· Good mechanical strength, Elegant appearance, sturdiness and durability

· Provides interconnection for F/O trunk riser and branch or jumper F/O cable.

· Suitable for indoor or outdoor ,wall-mounted , pole installation

· Built-in stacked splice tray, easy for open, the splice tray can be taken down, easy for installation and maintenance.

· The box door opening Angle is >180°, easy for handling cables and connections inside box

· Cable pigtails patch cords are running through own path without disturbing each other, cassette type SC adaptor installation, easy maintenance.It is convenient for fixing and maintenance

· Fibre routing reasonable, bending radius of fibers in any place is greater than 30mm

· Water-proof/dust-proof/anti-aging, protection level up to IP65.

External Document Links | Notes

Technical features

GENERAL SPECIFICATIONS		
Product Type		Hybriflex

MECHANICAL SPECIFICATIONS		
Material		PC + ABS
Mounting		Wall mounted, pole, aerial installation

TESTING AND ENVIRONMENTAL		
Storage Temperature	°C (°F)	-40 to 65 (-40 to 149)
Operation Temperature	°C (°F)	-40 to 65 (-40 to 149)
Installation Temperature	°C (°F)	-40 to 65 (-40 to 149)

CABLES SUPPORTED		
Supported F/O Connections		SC / APC

ELECTRICAL SPECIFICATIONS		
Protection Class		IP65

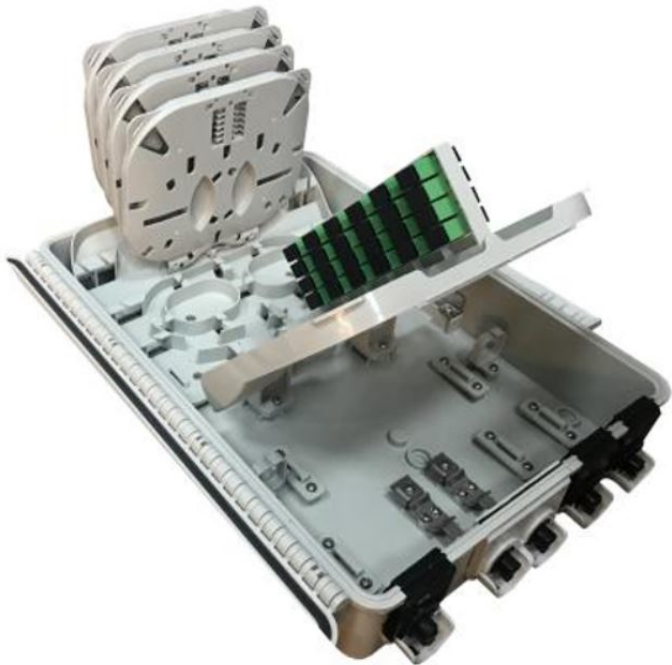| ADDITIONAL INFORMATION					
	SBIF-0Z06SS-APAP-YC	SBIF-0Z12SS-APAP-YC	SBIF-0Z24SS-APAP-YC		
Outer Dimension	292,5 mm × 227 mm × 102 mm	250 mm × 340 mm × 110 mm	420 mm × 320 mm × 130 mm		
Splitter and Adapter Ports	12	24	48		
Quantity of Pigtails included	24	48	96		
Quantity of Splice Protection Sleeves included	24	50	100		
Insertion loss (adapter&pigtail)	≤ 0.3dB	≤ 0.3dB	≤ 0.3dB		

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Return loss (SC/APC)	≥ 60dB	≥ 60dB	≥ 60dB		
Operation Humidity	≤95% 30 no corrosive gases around	≤95% 30 no corrosive gases around	≤95% 30 no corrosive gases around		
Atmospheric pressure	70Kpa 106Kpa	70Kpa 106Kpa	70Kpa 106Kpa		

Example for 24 Fiber