



RFS' HYBRIFLEX™ A fiber optic distribution box, designed for wall or pole mounting within indoor or outdoor environments. This box is manufactured from powder coated steel. Optimised for use within RoF (Radio over Fiber) systems, fusion splice cassettes are included to ensure full fiber management and the relevant number of high precision SC/APC adapters and high performance pigtails. The door is lockable to ensure a level of security. The combination of features ensures a truly future proof connection point which will enable multi wavelength services to be delivered over the same infrastructure.

FEATURES / BENEFITS

- Provides interconnection for trunk, distribution and patch cords
- Fiber optic splice cassettes ensure splice protection and optimum fiber routing
- Splice cassettes stacked to enable non disruptive installation or reconfiguration
- High precision SC/APC adapters provide excellent optical performance, stability and repeatability
- Controlled door opening (120°), simplifies access under challenging conditions
- High performance SC/APC pigtails ensure optimum performance within RoF and other applications



[External Document Links](#)

[Notes](#)

Technical features

GENERAL SPECIFICATIONS

Product Type		Hybriflex
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MECHANICAL SPECIFICATIONS

Material		sheet metal
Mounting		Wall mounted, pole, aerial installation

TESTING AND ENVIRONMENTAL

Storage Temperature	°C (°F)	-25 to 65 (-13 to 149)
Operation Temperature	°C (°F)	-25 to 65 (-13 to 149)
Installation Temperature	°C (°F)	-25 to 65 (-13 to 149)

CABLES SUPPORTED

Supported F/O Connections		SC / APC
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ADDITIONAL INFORMATION

	SBIF-0Z06SS-APMP-YC	SBIF-0Z12SS-APMP-YC	SBIF-0Z24SS-APMP-YC	SBIF-0Z36SS-APMP-YC	SBIF-0Z48SS-APMP-YC	SBIF-0Z96SS-APMP-YC
Outer Diameter	380 mm × 350 mm × 90 mm	380 mm × 350 mm × 90 mm	380 mm × 350 mm × 120 mm	550 mm × 450 mm × 120 mm	550 mm × 450 mm × 120 mm	550 mm × 450 mm × 120 mm
Quantity of Pigtails included	12	24	36	48	96	96
Splitter and Adapter Ports	12	24	36	48	96	96
Insertion loss (adapter&pigtail)	≤ 0.3dB	≤ 0.3dB	≤ 0.3dB	≤ 0.3dB	≤ 0.3dB	≤ 0.3dB
Return loss (SC/APC)	≥ 60dB	≥ 60dB	≥ 60dB	≥ 60dB	≥ 60dB	≥ 60dB
Operation Humidity	≤95% 30 no corrosive gases around	≤95% 30 no corrosive gases around	≤95% 30 no corrosive gases around	≤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	70Kpa 106Kpa	70Kpa 106Kpa	70Kpa 106Kpa



SBIF-0ZXXSS-APMP-YC

Fiber Distribution Box, including SC/APC adapters and pigtails, indoor/outdoor, up to 96 fibers, steel



Example for 96 pairs