



**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**

<b>Product Type</b>		Hybriflex
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**MECHANICAL SPECIFICATIONS**

<b>Material</b>		sheet metal
<b>Mounting</b>		Wall mounted, pole, aerial installation

**TESTING AND ENVIRONMENTAL**

<b>Storage Temperature</b>	°C (°F)	-25 to 65 (-13 to 149 )
<b>Operation Temperature</b>	°C (°F)	-25 to 65 (-13 to 149 )
<b>Installation Temperature</b>	°C (°F)	-25 to 65 (-13 to 149 )

**CABLES SUPPORTED**

<b>Supported F/O Connections</b>		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
<b>Outer Diameter</b>	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
<b>Quantity of Pigtails included</b>	12	24	36	48	96
<b>Splitter and Adapter Ports</b>	12	24	36	48	96
<b>Insertion loss (adapter&amp;pigtail)</b>	≤ 0.3dB	≤ 0.3dB	≤ 0.3dB	≤ 0.3dB	≤ 0.3dB
<b>Return loss (SC/APC)</b>	≥ 60dB	≥ 60dB	≥ 60dB	≥ 60dB	≥ 60dB
<b>Operation Humidity</b>	≤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
<b>Atmospheric pressure</b>	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