

Splitter insert-ODF Optical distributor frame



The **Splitter insert** is a passive solution to complete the existing ODF assortment. The Module is a patchable, preassembled and manufacturer tested solution which can be mounted in the ODF PatchMODULE and CombiMODULE.

This passive Module is typically used in P2MP, infrastructures especially in FTTH application. The patch insert is an optimized, flexible solution for Fiber optic Networks.

The Splitter insert is available in 3 sizes and with split ratio from 1:4 up to 1:64 connections based on a LCd, SC or E2000 Adapter.

Technical Data

Basic housing	Steel DC01, 1.5mm, Powder coated, color Light grey RAL 7035
Front plate	Steel DC01, 1.5mm, Powder coated, color Anthracite RAL 7016
IP Protection	IP 20
Splitter insert sizes	1U, 2U, 3U
Performance Specification	PLC Splitter 1:4 up to 1:64 (more details find below)

Performance Specifications:					
Port configuration	1x4	1x8	1x16	1x32	1x64
Mode type	SM 9/125µm (E9)				
Operating Wavelength	1260-1650nm				
Max. Insertion Loss@1310nm and 1550nm	≤ 7.0dB	≤ 10.4dB	≤ 13.5dB	≤ 17.0dB	≤ 20.5dB
Max. Insertion Loss@1260nm~1650nm	≤ 7.4dB	≤ 10.8dB	≤ 14.0dB	≤ 17.4dB	≤ 21.0dB
Uniformity	≤ 0.8dB	≤ 1.0dB	≤ 1.3dB	≤ 1.5dB	≤ 1.8
Polarization Dependent Loss	≤ 0.2dB		≤ 0.3dB		≤ 0.4
Directivity	≥ 55dB				
Reflectance	≥ 50dB				
Operating Temperature	-40°C~+85°C				
Storage Temperature	-40°C~+85°C				
Package Dimension:	250µm fiber 0.9mm loose tube	40(L)x4.0(W)x4.0(H)mm 60(L)x7(W)x4(H) mm	45(L)x5.0(W)x4.0(H)mm	60(L)x7.0(W)x4.0(H)mm	60(L)x12.0(W)x4.0(H)mm

Standards

IEC 61300-2-1, IEC 61300-2-9	Vibration- and Shock test operating
IEC 60068-2-64, IEC 60068-2-7	Vibration- and Shock test transport
EN60529	IP Protection
IEC 60068-2-2, IEC 60068-2-1	Dry heat- and Cold
IEC 61300-3-3	Temperature change – and Damp head cyclic

Mechanical characteristics

High stability and resistance	Steel construction
Tool less mounting	Snap-In solution

Environmental characteristics

Operating temperature	-40°C up to 70°C
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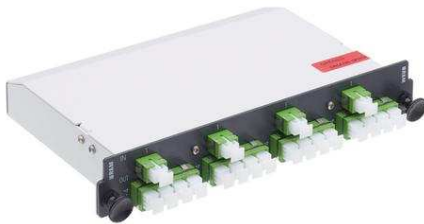
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Assembling variants

PatchMODULE and CombiMODULE	Splitter insert types	Adapters variants
Up to 12 psc. 1U Splitter insert	1U 4 x 1:4, 2 x 1:8; 1 x 1:16, 1 x 1:32 (LC)	LC, SC, E2000
Up to 6 psc. 2U Splitter insert	2U 1 x 1:32, 1 x 1:64 (LC)	
Up to 4 psc. 3U Splitter insert	3U 1 x 1:64	

Pictures Splitter inserts

Splitter insert 1U



Splitter insert 2U



Splitter insert 3U



Dimension Width / High / Depth	Dimension Width / High / Depth	Dimension Width / High / Depth
219mm x 33.5mm x 130mm	219mm x 70mm x 130mm	219mm x 106mm x 130mm

Pictures ODF-MODULE for Splitter inserts mounting

PatchMODULE



CombiMODULE



Dimension Width / High / Depth	Dimension Width / High / Depth
230mm x 460mm x 167mm	450mm x 460mm x 190mm

Ordering information

Splitter insert-ODF-4x1:4-sc-z-apc-c-ba9	1	R804305
Splitter insert-ODF-4x1:4-lc-z-apc-c-ba9	1	R804306
Splitter insert-ODF-4x1:4-lsh-z-apc-c-ba9	1	R804307
Splitter insert-ODF-2x1:8-sc-z-apc-c-ba9	1	R804308
Splitter insert-ODF-4x1:8-lc-z-apc-c-ba9	1	R804309
Splitter insert-ODF-2x1:8-lsh-z-apc-c-ba9	1	R804310
Splitter insert-ODF-1:16-sc-z-apc-c-ba9	1	R804311
Splitter insert-ODF-1:16-lc-z-apc-c-ba9	1	R804312
Splitter insert-ODF-1:16-lsh-z-apc-c-ba9	1	R804313
Splitter insert-ODF-1:32-sc-z-apc-c-ba9	1	R804314

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Splitter insert-ODF-1:32-lc-z-apc-c-ba9	1	R804315
Splitter insert-ODF-1:32-lsh-z-apc-c-ba9	1	R804316
Splitter insert-ODF-1:64-sc-z-apc-c-ba9	1	R804317
Splitter insert-ODF-1:64-lc-z-apc-c-ba9	1	R804318
Splitter insert-ODF-1:64-lsh-z-apc-c-ba9	1	R804319

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