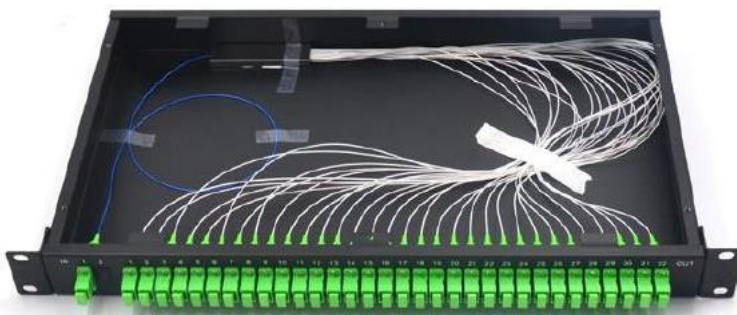




FPIA2 Series 19" Rackmount PLC Splitters

OVERVIEW

Zemecs FPIA2 series 19" rackmount PLC splitters are manufactured using silica optical waveguide technology and can split up to 64 fibers through different connectors. The pigtails are made of bend-insensitive single-mode fibers, making the product durable for installation purposes.



FEATURES

- 19" Rack mount types with steel or box type splitter inside
- Accommodates 2 to 64 couplers
- Compatible with SC, LC and FC connectors
- High polarization extinction ratio
- Return Loss: ≥ 55 dB
- Uniformity: ≤ 2.0 dB
- Directivity: ≥ 55 dB
- LSOH pigtails
- Available in all fiber types

APPLICATIONS

- Data centers
- Server rooms
- FTTx
- Passive optical networks
- Telecommunications
- Outside plant equipments

OPTICAL SPECIFICATIONS	1x2	1x4	1x8	1x16	1x24	1x32	1x64	
Fiber Type	Singlemode ITU-T G657.A2							
Operating Wavelength	1260~1650 nm.							
Coupling Ratio	Even							
Return Loss	UPC: 50 / APC: 55 dB/min.							
Insertion Loss (w/o connectors)	3,9	7,4	10,9	14,1	16,4	17,4	20,4	dB/max.
Uniformity	0,6	0,7	1,0	1,2	1,4	1,5	2,0	dB/max.
Polarization Dependent Loss	0,2	0,2	0,3	0,3	0,3	0,3	0,3	dB/max.
Wavelength Dependent Loss	0,2	0,2	0,3	0,3	0,3	0,3	0,3	dB/max.
Temperature Dependent Loss	0,5	0,5	0,5	0,5	0,5	0,5	0,5	dB/max.
Directionality	55	55	55	55	55	55	55	dB/min.
Optical Power Handling	300	300	300	300	300	300	300	mW/max.





MATERIAL SPECIFICATIONS (19" rackmount type)

COMPONENT	TYPE	MATERIAL	COLOUR
Housing	19" Rack Mount	Sheet Steel	Black(standard)
Front Panel	19" Rack Mount	Sheet Steel	Black(standard)

COMPLIANCE (19" rackmount type)

Standards For Mechanical Structures For Electronic Equipments

• ANSI/EIA-310-E	• IEC 60917	• IEC 60297-2
• DIN 41494 (Section 1 & 7)	• EN 55022	• TS 822
• EN 61587-1:2016	• EN 60950-1	

Standards For The Restriction Of Use Of Hazardous Substances In Electrical And Electronic Equipments

- 2011/65/EU (RoHS-2)

ENVIRONMENTAL SPECIFICATIONS

Transportation and Storage Temperature	-40 / +85	°C
Installation Temperature	-20 / +85	°C
Operation Temperature	-20 / +85	°C
Relative Humidity	10-90,Non-condensing	%

PHYSICAL SPECIFICATIONS (Size, mm.)

Split Ratio / Installation Type	Rackmount(1U)
1x2	483x250x44,5
1x4	483x250x44,5
1x8	483x250x44,5
1x16	483x250x44,5
1x32	483x250x44,5
1x64	483x250x44,5

PART NUMBER CODING

Part Nr.	Product Description
FPIA2-XYAZM	Zemecs 19" Rackmount Fiber Optic PLC Splitter, SM G657.A2, SC/APC

I: Installation Type	YYY: Split Ratio				Z: Height	M: Colour
R Rackmount (w/steel)	102	1x2	164	1x64	1 1U	B Black (RAL9005)
C Rackmount (w/box)	104	1x4	216	2x16	2 2U	G Grey (RAL7035)
	108	1x8	224	2x24		W White (RAL9010)
	116	1x16	232	2x32		
	132	1x32	264	2x64		

