

ZETTONICS NXi SERIES 19" 1U RACK MOUNTABLE SPLITTER PANEL
PRE-CONFIGURED WITH 1XN/2XN PLC SPLITTER(S), UP TO 64 FIBRES

The NXi 1U rack mountable splitter panel is designed to fit into standard 19" racks. The panel is compact, reliable, has a wide operating wavelength and good channel-to-channel uniformity and is widely used in FTTX, PON, LAN and passive network monitoring applications.

The NXi Series ensures rapid deployment and simplified maintenance. Clearly numbered ports aid easy identification. Its reduced-depth design allows installation in legacy, slimline, or rear-mount rack systems.

FEATURES & BENEFITS

- Designed for modern data centre and telecommunications applications while remaining compatible with legacy, slimline, and rear-mount rack systems.
- Plug and play designed optimised for 19" racks.
- High density - 64 LC Fibres in 1U.
- Port identification numbers.
- Easy style mounting brackets with fixing points for optional universal front management.
- Recessed mounting options enable the panel to be set deeper into cabinets.
- Hyperscale applications - US Conec and Senko adapter types available upon request.



SPECIFICATIONS

Material	Cold Rolled Steel
Colour	Black (RAL9005)
Dimensions (mm) (D x H x W)	145 x 44 x 488

AVAILABLE OPTIONS

Zettonics NXi Series 19" 1U Narrow Depth Patch Panel (up to 216 Fibres)
Zettonics NXi Series 19" 1U Narrow Depth MPO Panel (up to 216 Fibres)
Zettonics NXi Series 19" 1U Narrow Depth Pre-term Panel (up to 216 Fibres)
Zettonics NXi Series 19" 1U Narrow Depth Splitter Panel (up to 64 Fibres)

19" 1U RACK MOUNTABLE SPLITTER PANEL
PRE-CONFIGURED WITH 1XN/2XN PLC SPLITTER(S), UP TO 64 FIBRES

SPECIFICATIONS 1xN PLC SPLITTER

Parameters	Unit	Specifications					
		1 x 2	1 x 4	1 x 8	1 x 16	1 x 32	1 x 64
Operation Wavelength	nm	1260 ~ 1650					
Insertion Loss	dB	≤3.8	≤7.2	≤10.5	≤13.8	≤17.1	≤20.1
Polarisation Dependent Loss	dB	≤0.2	≤0.2	≤0.3	≤0.3	≤0.3	≤0.4
Wavelength Uniformity	dB	≤0.8	≤0.8	≤0.8	≤1.0	≤1.0	≤1.0
Port Uniformity	dB	≤0.8	≤0.8	≤0.8	≤1.0	≤1.5	≤2.0
Return Loss	dB	≤50					
Direction	dB	≤55					
Fibre Type		G652D / G657A / G657B (Customer Specified)					
Storage & Operating Temperature	°C	-40 ~ +85					

SPECIFICATIONS 2xN PLC SPLITTER

	Unit	Specifications				
		2 x 2	2 x 4	2 x 8	2 x 16	2 x 32
Operation Wavelength	nm	1260 ~ 1650				
Insertion Loss	dB	≤4.0	≤7.5	≤10.8	≤14.1	≤17.4
Polarisation Dependent Loss	dB	≤0.2	≤0.2	≤0.3	≤0.4	≤0.4
Wavelength Uniformity	dB	≤0.8	≤0.8	≤0.8	≤1.0	≤1.0
Port Uniformity	dB	≤0.8	≤0.8	≤0.8	≤1.0	≤1.5
Return Loss	dB	≤50				
Direction	dB	≤55				
Fibre Type		G652D / G657A / G657B (Customer Specified)				
Storage & Operating Temperature	°C	-40 ~ +85				

PART NUMBER GENERATOR

NXi Splitter Panel	Type		Connectors		Fibre		Split		Wavelength		Output Ratio		Splitter Qty p/Panel		Config.		
	ZNXS	PLC	PLC	LC	LC	OS2 G657A1	A1	1x2	0102	1260-1650nm	A	Equal (50:50)	5	1	01	Zettonics	Z
				LC/APC	LCA			1x4	0104			90:10	9	2	02		
				SC	SC			1111	1			80:20	8	3	03		
				SC/APC	SCA			2x32	0232			1111	1	4	04		

Example Part Number: **ZNXSPLCLCA10132A501Z** Zettonics Splitter Panel Populated With 1x32(x1) LC 1260-1650nm G657A1 PLC Splitter