

# Elevate Very Small Form Factor (VSFF) SN-MT Patch Panel



## Product Overview

Engineered for maximum density in modern network environments, Elevate VSFF patch panels utilise industry-leading SENKO SN-MT connectivity to deliver exceptional fibre capacity. Each 1U panel supports up to 3,456 fibres using SN-MT technology, optimising space without compromising performance. For streamlined installation and maintenance, the panels include integrated front cable management for neat, efficient routing and a hinged front cover with a dedicated labelling area for clear identification. This combination ensures high-density connectivity with simplified operations, making them ideal for hyperscale and large-scale data centres.

- ✓ Front Cable Management
- ✓ Up to 54 SNMT 16F adaptors per patch panel
- ✓ Hinged Front Door
- ✓ Hinged Rear Cable Management
- ✓ Recessed adaptors
- ✓ 25 year system warranty

## Product Specifications

Feature	Values
Suitable for number of Fibre Cores	3456
Suitable for number of Module Inserts	54
Loaded with number of Couplings / Adaptors	54
With pigtails	No
Fibre type	OS2 APC/Multimode
Fibre class	OS2 and Multimode
APC-type	Yes / No
Type of connector external	SNMT
Type of connector interior	SNMT
Colour	White / Black
RAL-number	9003 / 9004
Mounting method	482.6 mm (19 inch) mounting
Number of rack units (RU)	1
Height	44mm
Width	504mm
Depth	380mm
Operating Temperature	-40°C to +75°C
IP Rating	IP20
Material	Colds rolled steel and Polycarbonate
Material Thickness	1.2 mm
Material Coating (Metal)	Powder coating
RoHs Compliant Adaptor	Yes

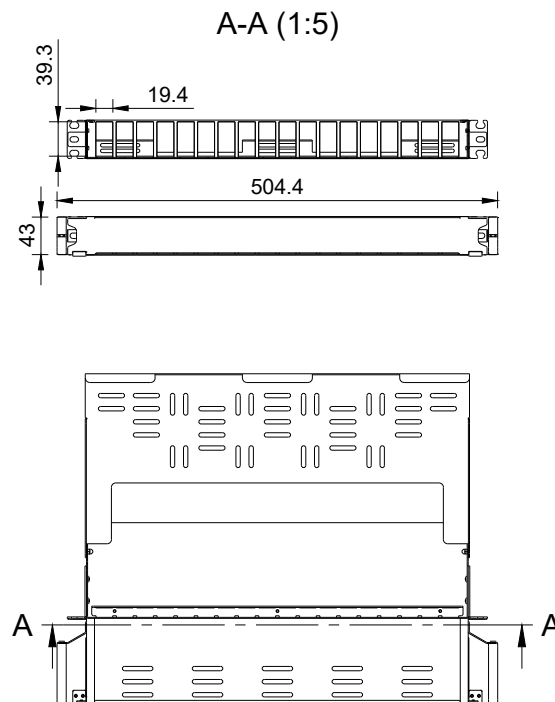
## Product Specifications

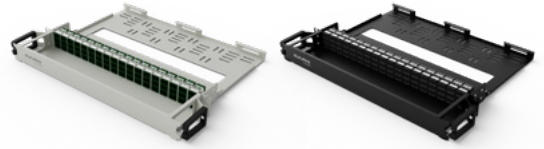
Feature	Values	
Adaptor Specifications		
Optical Data	Typical Insertion Loss (dB)	0.1
	Max. Insertion Loss (dB)	0.2
Mechanical Data	Durability	50 matings per GR-1435-Core
	Fixing Method	Snap-fit (Adaptor without flange)
	Housing Material Type	Plastic
	Fixing Spring Material Type	Metal stainless steel
	Sleeve Material	Plastic (alignment achieved with male/female connectors)
	Dust Protection Method	Removable dust plugs
Environmental Data	Operating Temperature	-40°C to +75°C
	RoHS Compliance	2015/863 RoHS
	REACH Compliance	Yes
	Free of Halogen	Yes
	Humidity Resistance	0.95

## Applicable Standards

Standard	Description
EN 50173-50173-1:2018	Information technology. Generic cabling systems – General requirements
UL-94-V-0	Burning stops within 10 seconds after two applications of ten seconds each of a flame to a test bar. NO flaming drips are allowed.
Directive 2008/98/EC (WFD)	Waste Framework Directive — compliant. Implemented in the UK through the Waste (England and Wales) Regulations 2011 (SI 2011 No. 988).
ECHA SCIP Database	Compliant; product does not contain SVHCs (Substances of Very High Concern) as defined under REACH Article 33(1). Submission obligations met under EU REACH and UK REACH.
Regulation (EU) 2019/1021 (POPs)	EU Regulation on Persistent Organic Pollutants — compliant. For Great Britain, compliance is aligned with the Persistent Organic Pollutants (Amendment) (EU Exit) Regulations 2020 (SI 2020 No. 1355).
Directive 2011/65/EU (RoHS II)	Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment — compliant. Applies within EU member states.
Directive (EU) 2015/863 (RoHS III)	Amending Directive 2011/65/EU to add four phthalates (DEHP, BBP, DBP, DIBP) to Annex II — compliant.
UK SI 2012 No. 3032	The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 (UK RoHS) — compliant for Great Britain. Retained EU law, as amended by the Product Safety and Metrology (Amendment etc.) (EU Exit) Regulations 2019.

## Product Drawing





## Part Number Table

Part Number	Description
<b>Singlemode</b>	
222-000	Elevate 54 Port APC Singlemode OS2 1U Fixed White Patch Panel with 54 x SNMT 16F Adaptors (3456F) Green
222-000-BK	Elevate 54 Port APC Singlemode OS2 1U Fixed Black Patch Panel with 54 x SNMT 16F Adaptors (3456F) Green
<b>Multimode</b>	
222-100	Elevate 54 Port Multimode 1U Fixed White Patch Panel with 54 x SNMT 16F Adaptors (3456F) Black
222-100-BK	Elevate 54 Port Multimode 1U Fixed Black Patch Panel with 54 x SNMT 16F Adaptors (3456F) Black

Our black SN-MT multimode adaptors are designed as true multi-fibre interfaces, ensuring full compatibility with OM3 and OM4 fibre types for seamless high-density connectivity.