

# TrueNet®

## Fibre Optic 1U Plastic Fibre Patch Panel



The TrueNet® Fibre Optic 1U Patch Panel from ADC KRONE is an integral part of the TrueNet system, providing a versatile and integrated approach to the management of optical patching. Constructed from a PC-ABS compound the panel is both lightweight and robust enough to be used as a substitute for Metal solutions.

As modern businesses place more emphasis on their IT infrastructure to deliver mission critical objectives, the demand for bandwidth in the Campus and the Backbone has intensified. Already successfully deployed in LANs across the globe the Plastic Patch Panel supports many different types of connectivity, including the industry standard LC and SC for 10 Gigabit Ethernet transmission.

Available loaded with Multimode or Singlemode pigtailed, splice accessories and adaptors, the solution provides an optical channel that is guaranteed to be compliant to the ISO11801 International Standard for Structured Cabling .

### Features

- Available as a complete build with Pigtails and splicing accessories,
  - Ensures component compliant product is used in the channel.
  - One part number for complete product, simplifying the ordering process.
- Available with multiple adaptor types for interfacing between old and new infrastructure builds:
  - MT-RJ, SC, ST, and LC
- 1U High sliding panel for ease of access and standard deployment into 19" racks.
- A PC-ABS construction means that the tray is both lightweight whilst retaining mechanical strength.
- Internal cable management protects splices and pigtailed from lateral damage whilst maintaining the bend radius for optimal data packet throughput.
- UL94 V-0 Flammability rating, allows usage within buildings.
- Easily recessed to increase clearance between the adaptors and cabinet doors preventing patch cord damage.
- 4 Rear Access Points with for standard Structured Cabling or Blown Fibre Tubes.
- Black or Grey construction can be used to visually identify an optical network in a fully loaded rack.

TECHNICAL DATA



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### Applications

- Campus Links
- Backbones
- Secondary Communication Room Through Coupling
- Primary Communication Room Cross Patching
- Data Centres
- Blown Fibre Networks

### Specifications

Optical Performance*	OM1, OM2, OM3, and OS1 in accordance with ISO11801
Optical Core Sizes*	OM1 62.5um, OM2 50um, OM3 50um, OS1 9um
Pigtail Colours*	OM1 Grey/Blue** OM2 Orange OM3 Violet OS1 Yellow
Adaptor Sleeve Construction	Multimode Phosphur Bronze, Casing Biege Singlemode Ceramic, Casing Blue
Pigtail Sheathing	PVC
Pigtail Length	1m
Fire Rating	UL94 V-0
Material Composition***	PC-ABS
Splice Housing	40mm Heat Shrink or Mechanical Splice Joint
Environmental Standards:	EN6008-2-2 IEC 68-2-14 IEC 68-2-6 IEC 68-2-27 IEC 68-2-3
Dimensions:	19" (width) x 1U (Height) x 270mm (depth)
Colours:	Black/ Grey
Weight***	1.14Kg

\*Refers to panels ordered as 'pre-loaded' only.

\*\*Semi Tight Buffered Pigtails only

\*\*\*Tray construction only, without Pigtails, Adaptors and Splicing Accessories

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Ordering Information	
Description	Catalogue Number
<b>Plastic Patch Panel Loaded With Adaptors Only</b>	
Fibre Patch Panel 04/08/12/24 Port MTRJ	7033 1 076-xx <sup>†</sup>
Fibre Patch Panel 04/08/12/24 Port SC Duplex	7033 1 080-xx
Fibre Patch Panel 04/08/12/24 Port ST	7033 1 082-xx
Fibre Patch Panel 08/24 Port LC/UPC	7033 1 084-xx
Fibre Patch Panel 04/08/12/24 Port SM SC Duplex	7033 1 101-xx
Fibre Patch Panel 04/08/12/24 Port LC/mm	7033 1 103-xx
Fibre Patch Panel 04/08/12/24 PORT - MTRJ BK	7033 1 176-xx
Fibre Patch Panel 04/08/12/24 Port - SC Duplex BK	7033 1 180-xx
Fibre Patch Panel 04/08/12/24 PORT - ST BK	7033 1 182-xx
<b>Plastic Patch Panel Equipped With Pigtailed, Adaptors and Crimp Splice Holders</b>	
Fibre Patch Panel 12/24 Port SC OM1 GY CRMP	7033 1 274-xx <sup>†</sup>
Fibre Patch Panel 24/48 Port LC OM1 GY CRMP	7033 1 275-xx
Fibre Patch Panel 12/24 Port SC OM1 BK CRMP	7033 1 276-xx
Fibre Patch Panel 24/48 Port LC OM1 BK CRMP	7033 1 277-xx
Fibre Patch Panel 12/24 Port SC OS1 GY CRMP	7033 1 278-xx
Fibre Patch Panel 24/48 Port LC OS1 GY CRMP	7033 1 279-xx
Fibre Patch Panel 12/24 Port SC OM3 GY CRMP	7033 1 270-xx
Fibre Patch Panel 24/48 Port LC OM3 GY CRMP	7033 1 271-xx
Fibre Patch Panel 12/24 Port SC OM3 BK CRMP	7033 1 272-xx
Fibre Patch Panel 24/48 Port LC OM3 BK CRMP	7033 1 273-xx
Fibre Patch Panel 12/24 Port SC OM2 GY CRMP	7033 1 254-xx
Fibre Patch Panel 24/48 Port LC OM2 GY CRMP	7033 1 256-xx
Fibre Patch Panel 12/24 Port SC OM2 BK CRMP	7033 1 255-xx
Fibre Patch Panel 24/48 Port LC OM2 BK CRMP	7033 1 257-xx
<b>Plastic Patch Panel Equipped with Pigtailed, Adaptors, and Heat Shrink Splice Holders</b>	
Fibre Patch Panel 12/24 Port SC OM3 GY H/S	7033 1 263-xx <sup>†</sup>
Fibre Patch Panel 12/24 Port SC OM3 BK H/S	7033 1 262-xx
Fibre Patch Panel 24/48 Port LC OM3 GY H/S	7033 1 265-xx
Fibre Patch Panel 24/48 Port LC OM3 BK H/S	7033 1 264-xx
Fibre Patch Panel 12/24 Port SC OM1 GY H/S	7033 1 267-xx
Fibre Patch Panel 12/24 Port SC OM1 BK H/S	7033 1 266-xx
Fibre Patch Panel 24/48 Port LC OM1 GY H/S	7033 1 269-xx
Fibre Patch Panel 24/48 Port LC OM1 BK H/S	7033 1 268-xx
Fibre Patch Panel 12/24 Port SC OS1 GY H/S	7033 1 259-xx
Fibre Patch Panel 12/24 Port SC OS1 BK H/S	7033 1 258-xx
Fibre Patch Panel 24/48 Port LC OS1 GY H/S	7033 1 261-xx
Fibre Patch Panel 24/48 Port LC OS1 BK H/S	7033 1 260-xx
Fibre Patch Panel 12/24 Port SC OM2 GY H/S	7033 1 250-xx
Fibre Patch Panel 12/24 Port SC OM2 BK H/S	7033 1 251-xx
Fibre Patch Panel 24/48 Port LC OM2 GY H/S	7033 1 252-xx
Fibre Patch Panel 24/48 Port LC OM2 BK H/S	7033 1 253-xx

<sup>†</sup> please substitute xx with the number of ports required.

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