Excel Enbeam 24 Way Singlemode Fibre Optic Panel 12 LC Duplex (24 Fibre)

Item Code: 200-474

excel
without compromise.

X FIBRE

25 YEAR WARRANTY excel

X Multimode/Singlemode options available

X Choice of port density

X Management and fixing kit included

X Adjustable fixing arms included

X Multiple cable entry to rear

X Sliding drawer on ball bearing runners

Product Overview

The Excel range of LC patch panels are sliding drawer ?tray style? housings suitable for either direct termination or splicing of up to 48 fibres in 1U of rack space. Each panel is manufactured from high quality 2mm thick steel and finished in Black powder coat to provide a strong and durable unit.

To the front of the patch panel the specified number of adaptors are loaded from left to right.

Each panel utilises colour coded adaptors, beige, aqua and violet for multimode, blue for singlemode, and green for SM APC. Each duplex (or quad) adaptor accommodates two (four) terminated fibres. Each panel has included within it a set of fixing brackets, and a cable management pack which includes cable entry glands, cable ties, splice holders, cage nuts and screws are also provided.

Note that LC panels can be assembled to order using a combination of adaptors, pigtails and splice cassettes.

Product Specifications

Feature	Values
Suitable for number of fibre cores	48
Suitable for number of module inserts	24
Loaded with number of couplings/adapters	12
Fibre type	Single mode
Fibre class	OS2
Type of connector external	LC-Duplex
Type of connector interior	LC-Duplex

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Colour	Black
RAL-number	9005
Mounting method	19 inch mounting
Number of rack units (RU)	1
Height	43.5 mm
Width	483 mm
Depth	219.5 mm

Additional specifications

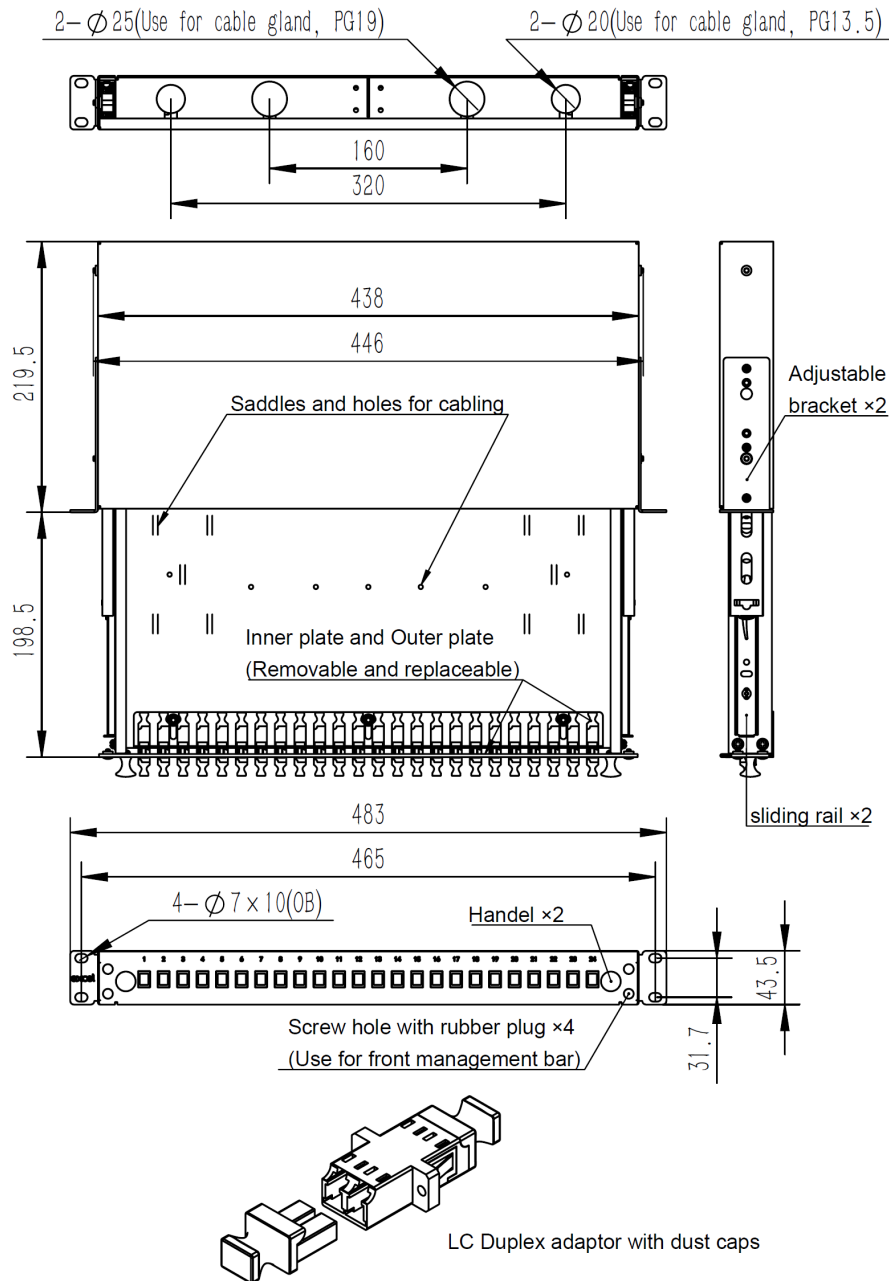| Feature	Value
Operating Temprature	-40 to +80 °C
IP Rating	IP20
Cable Entry 20mm	2
Cable Entry 25mm	2
Material	Cold rolled steel
Material Thickness	1.2mm
Material Coating	Powder Coating
RoHs Compliant Adaptor	Yes
Designed in accordance with	ISO/IEC 11801, IEC60304,IEC61754, TIA/EIA 568.D

Included accessories

Accessories	Quantity
Cable Gland (PG 13.5)	1
Cable Gland(PG 19)	1
Nylon cable tie	7
Adjustable cable tie	4
24 Position splice holder	1 to 3 Dependant on fibre count
Label holder (210 x 9.2 mm)	2
Mounting twist tie	4
Cage nuts and screws	1pk

Product drawing

2−⌀25(Use for cable gland, PG19) 2−⌀20(Use for cable gland, PG13.5)

160
320

438
446
219.5
198.5

Saddles and holes for cabling

Inner plate and Outer plate
(Removable and replaceable)

Adjustable bracket ×2

sliding rail ×2

483
465
4−⌀7×10(OB)
Handel ×2

Screw hole with rubber plug ×4
(Use for front management bar)

43.5
31.7

LC Duplex adaptor with dust caps

Part Number Table

Part Number	Description
200-460	Excel Enbeam 24 Way Multimode Fibre Optic Panel 4 LC Duplex (8 Fibre)
200-462	Excel Enbeam 24 Way Multimode Fibre Optic Panel 8 LC Duplex (16 Fibre)

200-464	Excel Enbeam 24 Way Multimode Fibre Optic Panel 12 LC Duplex (24 Fibre)
200-466	Excel Enbeam 24 Way Multimode Fibre Optic Panel 24 LC Duplex (48 Fibre)
200-470	Excel Enbeam 24 Way Singlemode Fibre Optic Panel 4 LC Duplex (8 Fibre)
200-472	Excel Enbeam 24 Way Singlemode Fibre Optic Panel 8 LC Duplex (16 Fibre)
200-474	Excel Enbeam 24 Way Singlemode Fibre Optic Panel 12 LC Duplex (24 Fibre)
200-476	Excel Enbeam 24 Way Singlemode Fibre Optic Panel 24 LC Duplex (48 Fibre)
203-540	Excel Enbeam 24 Way Multimode OM3 Fibre Optic Panel 12 LC Duplex (24 Fibre)
203-542	Excel Enbeam 24 Way Multimode OM3 Fibre Optic Panel 24 LC Duplex (48 Fibre)
204-542	Excel Enbeam 24 Way Multimode OM4 Fibre Optic Panel 24 LC Duplex (48 Fibre)
204-550	Excel Enbeam 24 Way Multimode OM4 Shuttered Fibre Panel 12 LC Duplex (24 Fibre)
204-552	Excel Enbeam 24 Way Multimode OM4 Shuttered Fibre Panel 24 LC Duplex (48 Fibre)