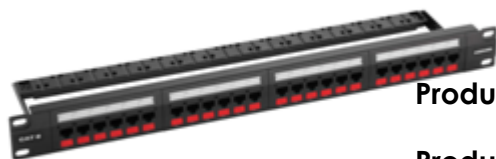


## PATCH PANEL GIGALAN CAT.6 - RoHS



**Product Type** Patch Panel

**Product Family** GigaLan

**Standard** ROHS Compliant

### Applications

**Installation Environment** Indoor

**Operation Environment** Non Aggressive

**Compatibility** All FCS products

**Warranty** 12 months

**Extended Guaranty** 15 or 25 years - in accordance to the Special Warranty Program FCS

### Advantage

- Designed to exceed the performance requirements of the ANSI/TIA-568-C.2 Category 6 and ISO 11801 2nd edition Class E standards;
- Support to IEEE 802.3, 1000 BASE T, 1000 BASE TX, EIA/TIA-854, ANSI-EIA/TIA-862, ATM, Video, 10G-BASE-T (TSB-155) and all previous LAN protocols;
- Mounts to standard EIA/TIA-310 19" rack;
- Provided with rear cable manager that allows individual cable organization (one by one);
- Front panel with labels and acrylic protection for ports identification;
- Compatible with T-568A and T-568B;
- ETL Channel Verified up to 04 connections according to ANSI/TIA-568-C.2 Category 6 and ISO 11801 2nd Class E standards;
- Provided with blue and red identification icons;
- IDC contacts with cover to provide mechanical protection for the electrical circuits.

**Identification** Furukawa logotype and indication category in the front and back.

**Trace** Lot of production printed on product's structure.

### Constructive characteristic

**High** 44 mm (1U)

**Width** 482,6mm (19")

**Metal thickness** 1,8mm

**Weight** 0,86 kg

**Color** Black

<b>Front connector type</b>	Female RJ-45 fixed on PCB.												
<b>Positions Quantity</b>	24 positions												
<b>Material of electrical contact</b>	RJ-45: Phosphor bronze with 50 µin (1,27 µm) of gold and 100 µin (2,54µm) of nickel 110 IDC: Phosphor bronze with 100 µin (2,54 µm) of nickel and tinned												
<b>Material of Product body</b>	Structure: steel Front panel: high impact thermoplastic no fire propagation UL94V-0.												
<b>Conductor diameter</b>	26 up to 22 AWG												
<b>Accessories Included</b>	<table border="1"> <tr> <td>Accessories Included</td><td>24 positions</td></tr> <tr> <td>Rear Guide of the cables</td><td>1</td></tr> <tr> <td>Icons</td><td>24 blue e 24 red</td></tr> <tr> <td>Screw</td><td>4 x M5x12mm</td></tr> <tr> <td>Clamp Plastic</td><td>24</td></tr> <tr> <td>Rear Protective</td><td>48</td></tr> </table>	Accessories Included	24 positions	Rear Guide of the cables	1	Icons	24 blue e 24 red	Screw	4 x M5x12mm	Clamp Plastic	24	Rear Protective	48
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<b>Assembly Standard</b>	T568A and T568B												
<b>Storage Temperature</b>	-40°C to +70°C												
<b>Operation Temperature</b>	-10°C to +60°C												
<b>Performance</b>													
<b>Retention force between jack and plug</b>	At least 133N												
<b>Cycles quantity</b>	≥750 RJ45 and ≥200 RJ11 ≥200 for the IDC block												
<b>Insulation Resistance</b>	500 MΩ												
<b>Contact resistance</b>	20mΩ												
<b>DC resistance</b>	0,1Ω												
<b>Dielectric strength</b>	1000V (RMS, 60Hz, 1 min)												
<b>Contact force</b>	0,98N (100g)												
<b>Package</b>													
<b>Package Type</b>	Box												
<b>Amount for box gift</b>	1												
<b>Amount for box (carton)</b>	15 patch panels (24 ports)												

<b>Dimension (WHD)</b>	510 x 70 x 60 mm
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<b>Individual package</b>	0,86 kg
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<b>Associated Solutions</b>	Commercial Building
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#### **Standards and Certifications**

<b>Standard</b>	EIA/TIA 568 C.2 and Addendums
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	ISO/IEC 11801
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	NBR 14565
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	TIA/EIA - 310 E - CABINETS, RACKS, PANELS, AND ASSOCIATED EQUIPAMENT
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<b>Certification</b>	ISO9001/ISO14001 416253
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	UL Listed E173971
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	ETL Verified
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