24 PORT CAT.6 GIGALAN PATCH PANEL
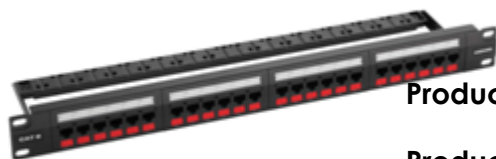
Product Type	Patch Panel
Product Family	GigaLan
Standard	ROHS Compliant

Applications

Installation Environment	Indoor
Operation Environment	Non Aggressive
Compatibility	All FCS products
Warranty	12 months
Extended Warranty	15 or 25 years - in accordance to the FCS Extended Warranty Program
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 fot 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

Height	44 mm (1U)
Width	482.6mm (19")
Metal thickness	1.8mm
Weight	0.86 kg
Color	Black

FURUKAWA ELECTRIC

Front connector type	Female RJ-45 fixed on PCB.
Number of Ports	24 positions
Material of electrical contact	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
Material of Product body	Structure: black painted Steel SAE 1020. Front panel: high-impact thermoplastic not propagating the flame, UL 94V-0. Guide rear cable: side supports in black painted SAE 1020 steel and bar in high impact thermoplastic material. Resistant and protected against corrosion.
Conductor diameter	26 up to 22 AWG

Accessories Included

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

Assembly Standard	T568A and T568B
StorageTemperature	-40°C to +70°C
Operation Temperature	-10ºC to +60ºC
Performance	
Retention force between jack and plug	At least 133N
Cycles quantity	≥750 RJ45 and ≥200 RJ11 ≥200 for the IDC block
Insulation Resistance	500 MΩ
Contact resistance	20mΩ
DC resistance	0.1Ω
Dieletric strength	1000V (RMS, 60Hz, 1 min)
Contact force	0.98N (100g)
Package	
Package Type	Box
Amount per box gift	1

FURUKAWA ELECTRIC

Amount per box (carton)	15 patch panels (24 ports)
Dimension (WHD)	510 x 70 x 60 mm
Individual package	0.86 kg
Associated Solutions	Commercial Building

Standards and Certifications

Standard	EIA/TIA 568 C.2 and Addendums
	ISO/IEC 11801
	NBR 14565
	EIA-ECA-310-E Cabinets, Racks, Panels, and Associated Equipment
	EN 50173-1
Certification	ISO9001/ISO14001 416253
	UL Listed E173971
	ETL Verified