



US-3324S

LINK AMERICAN STANDARD

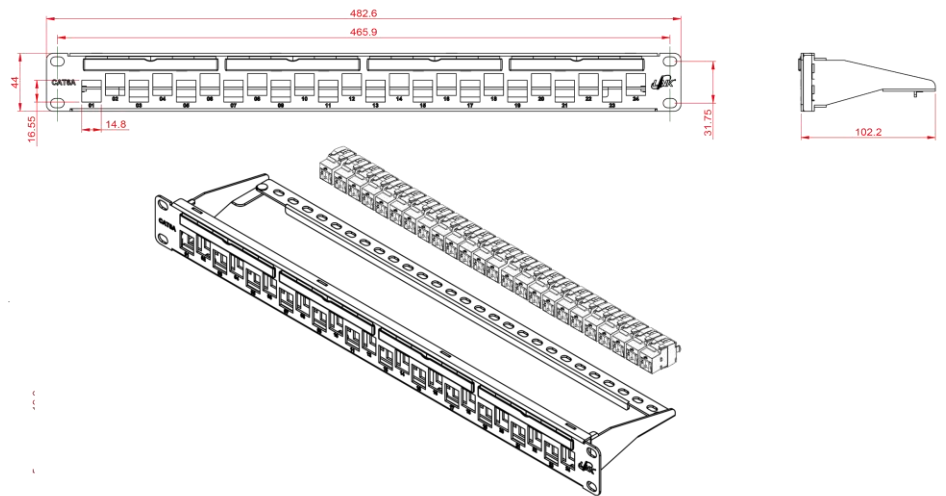


Shielded CAT6A PATCH PANEL 24 Port, Auto Shutter w/Cable Management

Scope of Application

LINK Shield Category 6A patch panel compliant ISO/IEC 11801 Class EA and ANSI/TIA-568.2-D requirements for category 6A performance. The panel is steel with black powder coating with LINK logo on the front. Design new version of unloaded. Staggered design on the rj45 port for reducing alien crosstalk and can be protect of dust by auto shutter for long life guaranteed. Knock down management bar can be separate from panel with folding bracket. To complete cable tie and a set of M6 cage nut. Included shielded CAT6A RJ45 modular jack tool free with auto shutter (US-1034TFAS x 24pcs).

Drawing



Technical Standard

- ANSI/TIA-568.2-D Category 6A
- ANSI/TIA-568-C.2 Category 6A
- ISO/IEC 11801:2017 class EA
- EN 50173-1 Category 6A
- UL 1863
- IEC 60603-7, IEC 60512-27-100
- UL and ETL Verified to Category 6
- RoHS Compliant
- Approvals UL listed file no. E196947
- Intertek Certification no. 102087582CART-001



Construction and Properties

Jack Contact	Material	Phosphor bronze with 50-60 micro inch nickel plated and 50 micro inch of gold over nickel plated in contact area
IDC Contact	Material	Phosphor bronze with 150 micro inch tin plated Over 70 micro inch nickel under plated
Jack Housing	Material	Zinc Alloy with nickel plated
IDC Block	Material	Polycarbonate High-Impact, UL 94 V-0
Shutter	Material	Polycarbonate, UL 94 V-0
Panel	Material	Steel, Black Powder coating
	Thickness	1.6 mm.
Management Bar	Material	Steel, Black Powder coating
	Thickness	1.6 mm.
Shield Contact Point	Material	Stainless steel, SUS304
Label	Material	White paper inserts within clear plastic cover
Ground wire	Diameter	18 AWG with green-yellow strip
Mounting	Width	19-inch Standard Rack (EIA 310D)
	Height	1.75 inch (1U) for 24 ports

Electrical Characteristics

Insulation Resistance	500 Mega ohms minimum
Dielectric Withstanding	≤1000 V
Current Rating	≤1.5 Amps
DC Resistance	≤0.1 Ohm maximum
Contact Resistance	20 Milli ohms maximum.

Physical Properties

Pulling Force	89 N (20lbs) minimum	
Jack contact	Durability	1000 mating cycles
	Force	100 grams minimum
IDC contact	Durability	200 re-termination cycles
Accommodate	Wire Gauge	26-22 AWG solid and stranded bare copper
	Insulation Diameter	0.8mm-1.2mm.
	Cable Diameter	5mm-9mm.
Termination Style	Tool Free , 110 IDC , 180°	
Wiring Pattern	T568A/T568B (universal color pattern)	
Temperature	Storage	-40°C to 80°C
	Operation	-40°C to 80°C



PERFORMANCE CHARACTERISTIC (meet or exceed ANSI/TIA-568.2-D Category 6A)

Frequency (MHz)	Insertion Loss (dB)	NEXT (dB)	FEXT (dB)	Return Loss (dB)
1	0.01	86.5	80.9	53.5
4	0.01	83.2	72.9	53.8
8	0.01	78.5	69.0	52.1
10	0.01	76.9	67.5	50.8
16	0.01	74.4	63.7	47.2
20	0.01	72.6	61.9	45.3
25	0.01	70.6	60.1	43.2
31.25	0.02	68.8	58.2	41.2
62.5	0.03	62.7	52.5	34.9
100	0.04	58.4	48.4	30.9
200	0.08	51.3	42.4	24.7
250	0.10	48.6	40.5	22.5
300	0.15	46.6	39.0	20.7
350	0.20	45.0	37.7	19.1
450	0.31	41.3	34.6	16.5
500	0.37	39.0	32.6	15.5

Application

- 2.5G/5G BASE-T (IEEE 802.3bz)
- 10G BASE-T (IEEE 802.3an 10Gigabit Ethernet)
- 1000 BASE-T (IEEE 802.3ab Gigabit Ethernet)
- 1000 BASE-TX (TIA/EIA-854)
- 100 BASE-TX (IEEE 802.3u Fast Ethernet)
- 10 BASE-T (IEEE 802.3i Ethernet)
- 52/155/622Mbps and 1.2Gbps ATM
- 4/16 Mbps Token Ring
- IEEE 802.3af (PoE), IEEE 802.3at (PoE+), IEEE 802.3bt (Type4)
- TP-PMD, TPDDI, ISDN, CDDI, VoIP
- EtherCAT Industrial standard, HDBaseT 2.0 standard
- Baseband, Broadband
- Digital and analog for data, video and audio application

Order Information

Part number	Description	Port	Package
US-3324S	CAT 6A UTP Patch Panel 24 Port, w/Cable Management	24	Box

Specifications subject to change without notice.

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US-3324S-V1.0-011223