

HD CATEGORY 6A KEYSTONE JACK 180° TOOL-LESS



(Only for reference)

General Specifications

Interface, Front	: RJ45
Interface, Rear	: IDC Insulation Displacement Contact
Cable Type	: Shielded/Unshielded Cable
Panel Cutout	: 14.38X16.02 mm
Termination Tool :	Toolless, Not required Termination tool
Color	: Shielded - Metallic, Unshielded - Back, White, Blue, Yellow, Red, Other by request
Protection	: With dust cap

Applications

IEEE 802.11x | IEEE 802.3 | 10/100Base-TX | 1000 BASE T (Gigabit Ethernet) | 1000 BASE TX (Gigabit Ethernet) | IEEE 802.3an
10G BASE-T (10 Gigabit Ethernet) | 10G BASE-T (TSB-155) | 4/16 Token Ring | ATM 155/622Mbps | ATM 1.2Gbps | ISDN
ANSI-EIA / TIA-854 | ANSI-EIA / TIA-862 | Broadcast Analog and Digital Video | PoE IEEE 802.3af & IEEE802.3at | PoE IEEE
802.3bt type 3 & type 4 | Building Automation Systems

Standards

TIA/EIA 568-C.2 | TIA/EIA 568.2-D | CATEGORY 6A | TIA 942B
ISO/IEC 11801: 2017 CLASS EA | EN50173-1
RoHS Compliant | REACH Compliant | Lead-Free
IEC 60603-7 | IEC 60512 | FCC Part 68 SUBPART F

Specifications

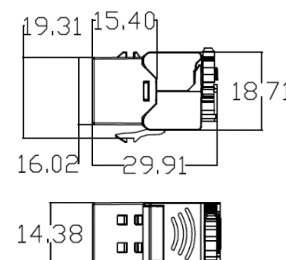
Insulation Resistance	: 500MΩ @500VDC
Contact Resistance	: 20mΩ
DC Resistance Unbalance	: 200mΩ
DC Resistance (max)	: 0.1Ω @20°C
Dielectric Withstanding voltage	: 1000VDC, Contact to Contact, RMS, 1min
Dielectric Withstanding voltage	: 1000VDC, Contact to Housing
Current Rating	: 1.5A
Voltage Proof (IEC 60512-4-1)	: 1,500Vac

Materials

Modular Jack Housing	: Shielded, Zinc Alloy Electroplating 360° Shielded.
	: Unshielded, Fireproof Polycarbonate, rear part white color
Housing Flame Rating	: UL 94 V-0
Termination Blocks	: Fireproof Polycarbonate, UL 94 V-0
Pin Contact	: Phosphor Bronze, 50μ Inch Gold Plating
PCB	: Fireproof Polycarbonate, UL 94 V-0
IDC Terminal Contact	: Phosphor Bronze Tinned Plating
Smart Clip Lock	: Fireproof Polycarbonate, UL 94 V-0, Black
Dust Cap	: PVC, White

Mechanical Properties

Dimension (WXDXH)	: 14.38X29.91X19.31 mm
Conductor Type	: Solid Stranded
Conductor Gauge	: Solid 22–24 AWG
Conductor Gauge	: Stranded 22-26 AWG
IDC Termination	: 110 Insulation Displacement Contact (IDC)
IDC Durability	: 250 times re-termination
Plug Insertion Life	: 750 Mating Cycle
Plug Retention Force	: 79 N
Wiring	: T568A T568B
Cable OD	: 5.0 – 8.5mm
Smart Clip Lock	: Integrated Smart Clip Lock, Re-Usable, Adjustable Cable Diameter



Transmission Performance

Performance Characteristics (exceed TIA/EIA 568.2-D Category 6_A and ISO/IEC 11801 Class E_A requirements)

Frq	Insertion Loss (dB)		NEXT (dB)		PSNEXT (dB)		FEXT (dB)		PSFEXT (dB)		Return Loss (dB)		PSANEXT (dB)		PSAFEXT (dB)		TCL (dB)		TCTL (dB)	
	Max	Typical	Min	Typical	Min	Typical	Min	Typical	Min	Typical	Min	Typical	Min	Typical	Min	Typical	Min	Typical	Min	Typical
1.00	0.10	0.06	75.00	86.00	75.00	84.50	75.00	81.70	75.00	78.70	30.00	42.00	67.00	84.50	67.00	75.90	40.00	57.30	40.00	57.30
4.00	0.10	0.06	75.00	79.40	75.00	78.00	71.10	79.50	68.06	76.20	30.00	41.60	67.00	78.00	67.00	75.00	40.00	45.90	40.00	56.10
8.00	0.10	0.07	75.00	78.20	71.94	74.80	65.00	75.00	62.04	70.80	30.00	39.00	67.00	74.80	67.00	74.60	40.00	44.80	40.00	45.90
10.00	0.10	0.07	74.00	76.00	70.00	73.00	63.10	64.40	60.10	61.40	30.00	38.40	67.00	68.50	67.00	74.00	40.00	43.90	40.00	44.80
16.00	0.10	0.08	69.90	72.00	65.92	68.00	59.00	63.90	56.02	60.90	30.00	38.00	67.00	72.80	67.00	73.80	40.00	43.00	40.00	43.90
20.00	0.10	0.08	68.00	71.00	63.98	64.40	57.10	63.20	54.08	60.20	30.00	37.10	67.00	72.20	67.00	73.20	40.00	42.50	40.00	43.00
25.00	0.10	0.08	66.00	69.00	62.04	63.00	55.10	57.90	52.14	54.90	30.00	36.00	67.00	70.00	67.00	71.00	40.00	41.00	40.00	42.50
31.25	0.11	0.09	64.10	66.00	60.10	61.50	53.20	53.40	50.20	50.40	30.00	35.00	67.00	68.60	67.00	69.60	38.10	39.60	38.10	41.00
62.50	0.16	0.13	58.10	60.00	54.08	56.00	47.20	47.80	44.18	44.80	30.00	35.20	67.00	68.10	67.00	69.10	32.10	35.00	32.10	32.40
100.00	0.20	0.17	54.00	59.00	50.00	50.20	43.10	45.00	40.10	43.00	28.00	34.00	67.00	67.30	67.00	68.30	28.00	32.00	28.00	30.00
200.00	0.28	0.19	48.00	55.00	43.98	44.50	37.10	38.80	34.08	35.80	22.00	29.00	64.50	66.00	61.00	67.00	22.00	28.50	22.00	26.00
250.00	0.32	0.25	46.00	48.00	42.04	43.50	35.10	35.80	32.14	32.80	20.00	24.60	62.50	63.00	59.00	60.30	20.00	24.00	20.00	20.80
300.00	0.35	0.30	42.90	45.00	38.87	39.00	33.60	34.90	30.56	31.20	18.50	20.00	61.00	62.80	57.50	59.00	18.50	21.00	18.50	20.00
400.00	0.40	0.37	37.90	38.20	33.87	35.20	31.10	32.50	28.06	29.60	16.00	19.10	58.50	61.50	55.00	58.70	16.00	18.60	16.00	19.50
500.00	0.45	0.40	34.00	36.20	30.00	33.00	29.10	30.20	26.12	27.80	14.00	18.20	56.50	59.00	53.00	56.10	14.00	16.00	14.00	16.40

Environmental Properties

Flammability Rating	: UL 94 V-0
Operating Temperature	: -10 °C to +60 °C
Storage Temperature	: -40 °C to +70 °C
Relative Humidity	: Up to 95%, non-condensing

Ordering Information

UC Part Number	SAP1C	Description	Weight (g)	Packaging
HDMJTF1270BK	YMJBPO4007	Draka UCCONNECT HD CAT 6A Unshielded Keystone Jack 180° Tool-Less, Black A1	6	50 per box
HDMJTF1270WH	YMJBPO4008	Draka UCCONNECT HD CAT 6A Unshielded Keystone Jack 180° Tool-Less, White (RAL9010) A1	6	50 per box
HDMJTF1270BL	YMJBPO4009	Draka UCCONNECT HD CAT 6A Unshielded Keystone Jack 180° Tool-Less, Blue (RAL5015) A1	6	50 per box
HDMJTF1270YL	YMJBPO4010	Draka UCCONNECT HD CAT 6A Unshielded Keystone Jack 180° Tool-Less, Yellow (RAL1018) A1	6	50 per box
HDMJTF1270RD	YMJBPO4011	Draka UCCONNECT HD CAT 6A Unshielded Keystone Jack 180° Tool-Less, Red (RAL3020) A1	6	50 per box
HDMJTF1271MA	YMJBPO4012	Draka UCCONNECT HD CAT 6A Shielded Keystone Jack 180° Tool-Less, Metallic A1	14	50 per box

Enquiries

Please contact our local sales office or email to: mms.asia@prysmiangroup.com

Multimedia Solutions is the data communication portfolio of Prysmian Group and comprises all the necessary portfolio of cable solutions for data communication.

Ask about UC CONNECT for a complete Structured Cabling Solutions with 25 Years System Warranty.

Visit www.drakauc.com for more information.

© PRYSMIAN GROUP 2022, All Rights Reserved

All sizes and values without tolerances are reference values. Specifications are for product as supplied by Prysmian Group: any modification or alteration afterwards of product may give different result.

The information contained within this document must not be copied, reprinted or reproduced in any form, either wholly or in part, without the written consent of Prysmian Group. The information is believed to be correct at the time of issue. Prysmian Group reserves the right to amend this specification without prior notice. This specification is not contractually valid unless specifically authorised by Prysmian Group.