

HD CATEGORY 6 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, Do not require 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 | 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 6 | TIA 942B
ISO/IEC 11801: 2017 CLASS E | EN50173-1
RoHS Compliant | REACH Compliant | Lead-Free
IEC 60603-7 | IEC 60512 | FCC Part 68 SUBPART F

Specifications

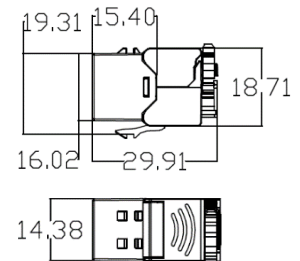
Insulation Resistance	: 500MΩ @500VDC
Contact Resistance	: 20mΩ
DC Resistance Unbalance	: 200mΩ
DC Resistance (max)	: 0.1Ω @20°C
Dielectric Withstanding voltage	: 1000VDC, Contact to Contact, RMS, 1min
Dielectric Withstanding voltage	: 1000VDC, Contact to Housing
Current Rating	: 1.5A
Voltage Proof (IEC 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), KRONE
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 and ISO/IEC 11801 Class E requirements)

Frq	Insertion Loss (dB)		NEXT (dB)		PS-NEXT (dB)		FEXT (dB)		PS-FEXT (dB)		Return Loss (dB)		TCL (dB)		TCTL (dB)	
	Max	Typical	Min	Typical	Min	Typical	Min	Typical	Min	Typical	Min	Typical	Min	Typical	Min	Typical
1.00	0.10	0.06	75.00	86.50	75.00	90.50	75.00	80.20	75.00	78.70	30.00	36.80	40.00	57.30	40.00	57.30
4.00	0.10	0.06	75.00	82.60	75.00	82.60	71.10	77.30	68.06	70.90	30.00	36.30	40.00	45.90	40.00	56.10
8.00	0.10	0.07	75.00	79.20	71.94	74.00	65.00	70.20	62.04	65.00	30.00	35.40	40.00	44.80	40.00	45.90
10.00	0.10	0.07	74.00	75.30	70.00	73.10	63.10	68.20	60.10	61.40	30.00	35.00	40.00	43.90	40.00	44.80
16.00	0.10	0.08	69.90	71.60	65.92	71.60	59.00	61.00	56.02	59.40	30.00	34.20	40.00	43.00	40.00	43.90
20.00	0.10	0.08	68.00	68.70	63.98	68.70	57.10	57.90	54.08	56.10	30.00	32.90	40.00	42.50	40.00	43.00
25.00	0.10	0.08	66.00	68.00	62.04	63.60	55.10	56.40	52.14	53.00	30.00	30.60	40.00	41.00	40.00	42.50
31.25	0.11	0.09	64.10	66.20	60.10	63.00	53.20	54.20	50.20	51.20	30.00	30.10	38.10	39.60	38.10	41.00
62.50	0.16	0.13	58.10	60.40	54.08	60.40	47.20	50.10	44.18	48.90	28.10	29.00	32.10	35.00	32.10	32.40
100.00	0.20	0.17	54.00	55.80	50.00	55.80	43.10	45.70	40.10	45.20	24.00	25.90	28.00	32.00	28.00	30.00
200.00	0.28	0.19	48.00	49.30	43.98	47.20	37.10	44.00	34.08	38.20	18.00	21.50	22.00	28.50	22.00	26.00
250.00	0.32	0.25	46.00	47.60	42.04	46.90	35.10	38.00	32.14	35.40	16.00	18.60	20.00	24.00	20.00	20.80

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
10718512	10718512	Draka UCCONNECT HD CAT 6 Unshielded Keystone Jack 180° Tool-Less, Black A1	6	50 per box
10718511	10718511	Draka UCCONNECT HD CAT 6 Unshielded Keystone Jack 180° Tool-Less, White (RAL9010) A1	6	50 per box
# Pending	# Pending	Draka UCCONNECT HD CAT 6 Unshielded Keystone Jack 180° Tool-Less, Blue (RAL5015) A1	6	50 per box
# Pending	# Pending	Draka UCCONNECT HD CAT 6 Unshielded Keystone Jack 180° Tool-Less, Yellow (RAL1018) A1	6	50 per box
# Pending	# Pending	Draka UCCONNECT HD CAT 6 Unshielded Keystone Jack 180° Tool-Less, Red (RAL3020) A1	6	50 per box
# Pending	# Pending	Draka UCCONNECT HD CAT 6 Unshielded Keystone Jack 180° Tool-Less, Green (RAL6018) A1	6	50 per box
# Pending	# Pending	Draka UCCONNECT HD CAT 6 Unshielded Keystone Jack 180° Tool-Less, Orange (RAL2003) A1	6	50 per box
# Pending	# Pending	Draka UCCONNECT HD CAT 6 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

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