



CAT6A Easy Crimp Compact STP Outlet

CCS® TIA568A/B Shielded Outlet

Features

- Easy Crimp
- Compact shielded RJ45 jack for high density installation solutions
- Ideal for transmissions at Category 6A / Class EA
- Supports 10Gigabit Ethernet applications (IEEE 802.3an)
- Suitable for PoE/PoE+/PoE++ (IEEE 802.3af/at/bt)

Application

CAT. 6A Channel CCS Easy Crimp Compact shielded RJ45 jack for high density installation solutions, ideal for the realization of transmission channels of Category 6A / Class EA.

It supports 10Gigabit Ethernet applications (IEEE 802.3an) and is suitable for PoE/PoE+/PoE++ (IEEE 802.3af/at/bt) and Ultra-High Band Audio Visual.

Design

Compact RJ45 jack compatible with Keystone standard T568A/B Easy Crimp.

Easy Crimp termination system for fast and easy connection without the use of tools; for solid or stranded copper conductors of diameter from 22 to 26 AWG

Product Information

Contacts: Phosphor bronze alloy plated with 50µm of gold

Insulation: Polycarbonate, high-impact, flame retardant plastic, UL94V-0 rated

Shield: Zinc alloy die-casting

Label: Double indicating T568A/B connection scheme

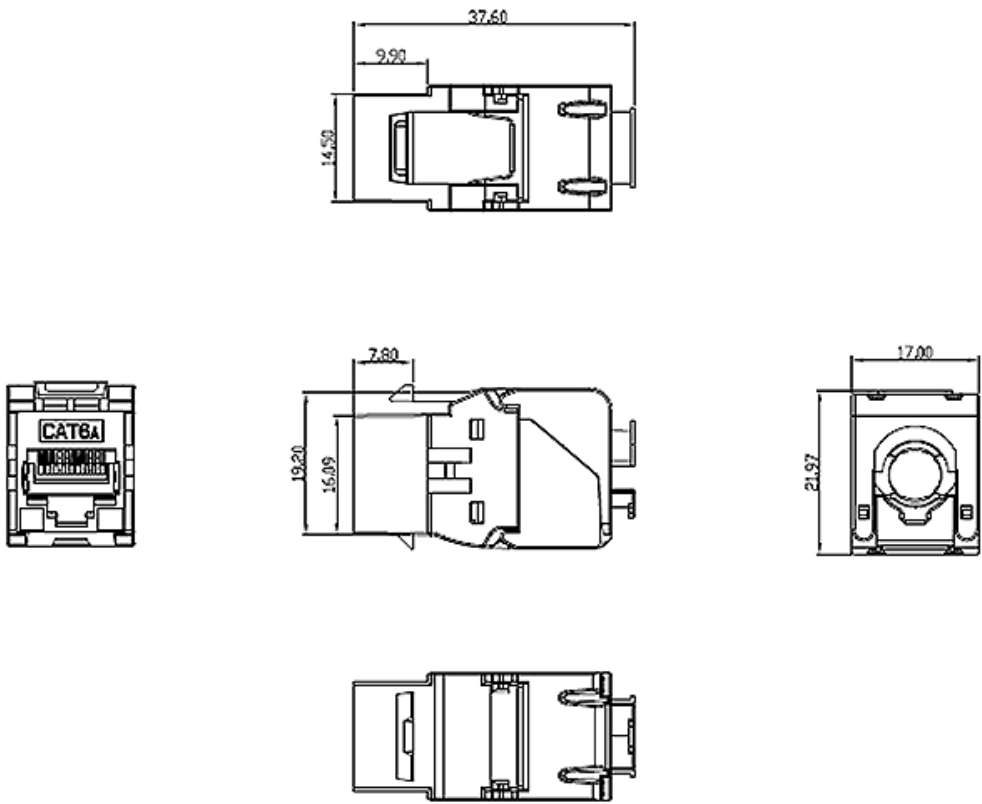
Technical Information

Product Color	Silver/Black
Conformance	ISO/IEC 11801-1:2017 (Ed. 1.0) ISO/IEC 11801-2:2017 (Ed. 1.0) IEC 60603-7-51:2010 (Ed. 2.0) EN 50173-1: 2018 EN 50173-2:2018 ANSI/TIA-568.2-D. IEC 60512-99-002 AS/CA S008:2020
Temperature, Operation [°C]	-10°C to +75°C Maximum relative humidity non-condensing 85%
Temperature, Storage [°C]	-40°C to +70°C
Technical Notes	Mechanical properties Total mating force: Minimum 7.8N for an 4 pair lead Retention: Maximum 50N between the jack and plug Insertion-extraction life: Minimum 750 cycles Electrical properties Characteristic impedance: 100±15Ω Contact resistance: Maximum 20 mΩ Current rating: 1.5A at 20°C Maximum voltage rating: < 50Vac / < 75Vdc Insulation resistance: Minimum 500 MΩ @ 100 V DC Dielectric withstanding voltage: 1.0 kV AC for 1 minute

Technical Details

Frequency MHz	Attenuation dB/100m Maximum	NEXT dB Minimum	FEXT dB Minimum	RL dB Minimum
1	0.1	75	75	30
4	0.1	75	71.1	30
8	0.1	75	65	30
16	0.1	69.9	59	30
31.25	0.11	64.1	53.2	30
62.5	0.16	58.1	47.2	30
100	0.20	54	43.1	28
200	0.28	48	37.1	22
250	0.32	46	35.1	20
300	0.35	42.9	33.6	18.5
400	0.40	37.9	31.1	16
500	0.45	34.0	29.1	14

Transmission Properties



Physical Dimensions

Items 1

Item Name	Color	Dimensions [mm]	Weight [kg]	Form of Delivery
CAT6A Compact STP Outlet CCS-2001029	Silver/Black	17.0x22.0x37.6	0.025	Pack of 8