

Codice articolo Product code:	2001018 - 2001020
Descrizione Description:	PRESA CCS CAT. 5E RJ45 NON SCHERMATA UTP EASY CRIMP - T568A/B CAT. 5E CCS EASY CRIMP UNSHIELDED UTP RJ45 JACK - T568A/B



Colore Bianco
White colour



Colore Antracite
Anthracite colour



Descrizione

Presca CCS RJ45 Easy Crimp di Categoria 5E non schermata per canali trasmissivi in Classe D, colore Antracite.
Supporta applicazioni Gigabit Ethernet (IEEE 802.3ab).
Idonea per PoE/PoE+ (IEEE 802.3af/at).

Prestazioni

Certificazioni	Force Technology CAT. 5E Component Level
Standards	ISO/IEC 11801-1:2017 (Ed. 1.0) ISO/IEC 11801-2:2017 (Ed. 1.0) IEC 60603-7-2:2010 (Ed. 2.0) IEC 60603-7-3:2010 (Ed. 2.0) EN 50173-1: 2011 EN 50173-2:2007 incluso amend. A1:2010 ANSI/TIA-568-C.2:2009

Description

CAT 5E CCS Easy Crimp unshielded RJ45 jack for transmission channels of Class D, Anthracite colour.
It supports Gigabit Ethernet applications (IEEE 802.3ab) and is suitable for PoE/PoE+ (IEEE 802.3af/at).

Performance

Certifications	Force Technology CAT. 5E Component Level
Approvals	ISO/IEC 11801-1:2017 (Ed. 1.0) ISO/IEC 11801-2:2017 (Ed. 1.0) IEC 60603-7-2:2010 (Ed. 2.0) IEC 60603-7-3:2010 (Ed. 2.0) EN 50173-1: 2011 EN 50173-2:2007 including amend. A1:2010 ANSI/TIA-568-C.2:2009

Caratteristiche costruttive

Tipo di presa	Presca RJ45 compatibile con lo standard Keystone – T568A/B
Contatti	In lega di bronzo placcati oro 50 µm
Materiale di isolamento	Termoplastico ad alta resistenza meccanica, ritardante la fiamma tipo UL94V-0
Colore	Antracite
Assemblaggio	Terminazione universale a perforazione d'isolamento EASY CRIMP per connessioni facili e veloci che non necessitano l'utilizzo di utensili; per conduttori solidi da 22/26 AWG
Etichettatura	Doppia etichetta con schema di connessione T568A/B
Identificazioni e loghi	Logo CCS, P/N e CAT. 5E

Caratteristiche meccaniche

Forza totale di tenuta	Min. 800 gr con tutti gli 8 conduttori
Tenuta	Min. 135N tra spina e presa
N° cicli di inserzione spine	Min. 750 cicli

Condizioni di utilizzo e stoccaggio

Temperatura di stoccaggio	Da -40°C a +80°C
Temperatura di lavoro	Da -10°C a +60°C
Umidità relativa	Max. 93% senza condensazione

Construction characteristics

Jack type	RJ45 jack compatible with Keystone standard- T568A/B
Contacts	Phosphor bronze alloy plated with 50µm of gold
Insulation material	Polycarbonate, high-impact, flame retardant plastic, UL94V-0 rated
Colour	Anthracite
Assembly	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
Label	Double label indicating T568A/B connection scheme
Printing	CCS Logo, P/N and CAT. 5E

Mechanical properties

Total mating force	Min. 800 gr for a 8 wire leads
Retention	Min. 135N between the jack and plug
Insertion-extraction life	Min. 750 cycles

Environmental conditions

Storage temperature	From -40°C to +80°C
Operating temperature	From -10°C to +60°C
Relative humidity	Maximum non-condensing 93%

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Caratteristiche elettriche

Impedenza caratteristica	100±15 Ohm
Resistenza di contatto	Max. 20 mOhm
Corrente limite	1,5A a 20°C
Max. tensione di lavoro	< 50Vac / < 75Vdc
Resistenza di isolamento	MIn. 500 MOhm @ 100 Vdc
Tensione di tenuta	1,0 kVac per 1 sec

Electrical properties

Characteristic impedance	100±15 Ohm
Contact resistance	Max. 20 mOhm
Current rating	1,5A at 20°C
Max. voltage rating	< 50Vac / < 75Vdc
Insulation resistance	MIn. 500 MOhm @ 100 Vdc
Dielectric withstanding voltage	1,0 kVac for 1 sec

Confezionamento

Confezione sacchetto PE	110x190 mm – 1pz
Peso	10 gr
Ogni confezione include	- 1 presa CCS RJ45 CAT. 5E Easy Crimp non schermata - 1 coperchio interno per innesto conduttori - 1 coperchio esterno per la protezione delle terminazioni - 1 tappo antipolvere - Istruzioni di montaggio

Packaging

Packing PE bag	110x190 mm – 1 pz
Weight	10 gr
Each package includes	- 1 CAT. 5E CCS Easy Crimp unshielded RJ45 jack - 1 internal cap for the fast connection of conductors - 1 cap for the terminations protection - 1 dust cap - Mounting instructions

Garanzia

20 anni sul sistema CCS

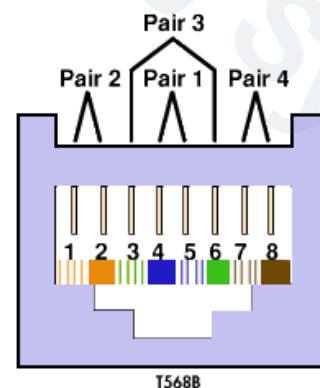
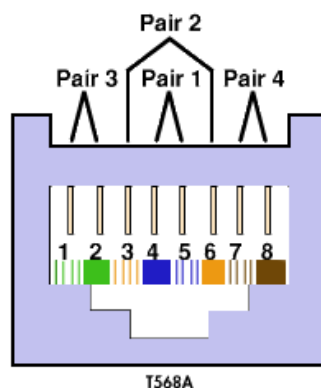
Warranty

20 years on the CCS system

PROPRIETA' TRASMISSIVE / TRANSMISSION PROPERTIES

Freq MHz	Attenuation dB/100m	NEXT dB	FEXT dB	RL dB
	Maximum	Minimum	Minimum	Minimum
1	0,1	65	65	30
4	0,1	65	63,1	30
8	0,1	64,9	57	30
10	0,1	63	55,1	30
16	0,2	58	51	30
25	0,2	55	47,1	30
31,25	0,2	53,1	45,2	30
62,50	0,3	47,1	39,2	24,1
100	0,4	43	35,1	20

SCHEMA ASSEMBLAGGIO / ASSEMBLY SCHEME

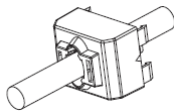


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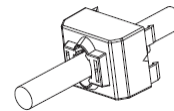
PROCEDURA DI ASSEMBLAGGIO

ASSEMBLY INSTRUCTION

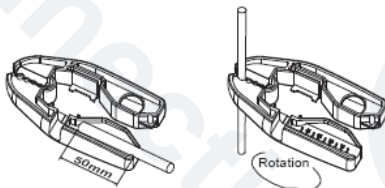
- 1) Inserire sul cavo il coperchio esterno



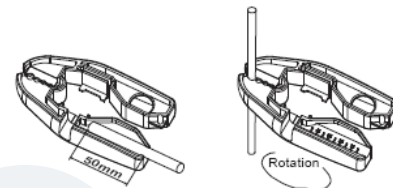
- 1) Put cable in the outer cap



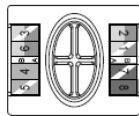
- 2) Tagliare la guaina esterna del cavo per circa 50 mm (riferimento misura su CRIMP TOOL Cod. Art. 2004095)



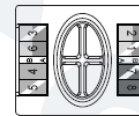
- 2) Cut cable outer jacket about 50 mm off (measure indicated on CRIMP TOOL Cod. Art. 2004095)



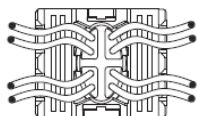
- 3) Seguendo la colorazione di terminazione T568A/B inserire le coppie nel foro del coperchio copri connessioni



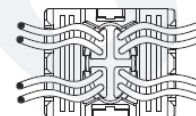
- 3) Put pairs in the protection cap hole according to T568A/B termination colours



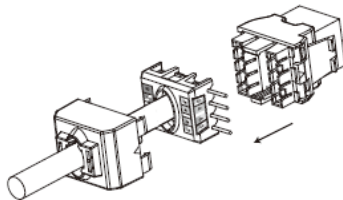
- 4) Seguendo la colorazione di terminazione T568A/B inserirei conduttori nelle cavità di inserimento del coperchio copri connessione



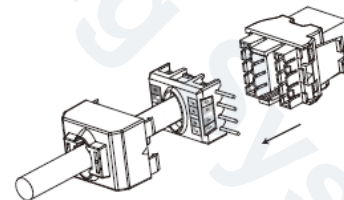
- 4) Put conductors in the connection seat of protection cap according to T568A/B termination colours



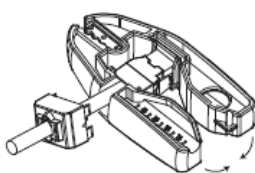
- 5) Seguendo le indicazioni di fissaggio inserire il coperchio copri connessione sulla presa



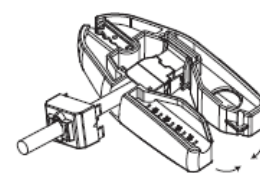
- 5) Put protection connection cap on the plug following the fastening indications



- 6) Con l'attrezzo CRIMP TOOL pressare il coperchio copri connessione sulla presa per la chiusura definitiva della connessioni

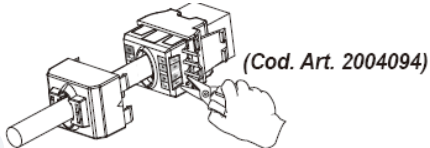


- 6) Press protection connection cap on the plug with CRIMP TOOL for the final fastening of connection

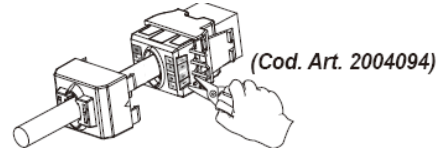


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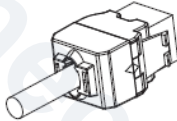
- 7) Con un tronchesino a lame piane tagliare i conduttori sporgenti dal coperchio copri connessioni



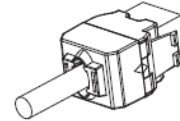
- 7) Cut conductor surplus jutting out of protection connection cap with flat blades cutting nippers



- 8) Seguendo le "frecche di indicazione inserzione" inserire il coperchio esterno sulla presa connettorizzata.

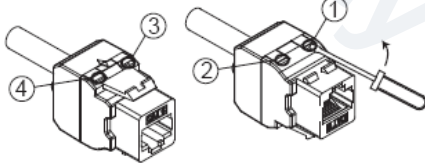


- 8) Put outer cap on the connected plug following the insertion way arrows

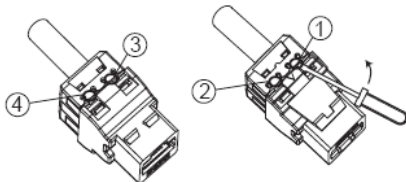


PROCEDURA DI APERTURA

- 1) Sulle 4 posizioni indicate in figura fare leva con un cacciavite a lama piana per aprire il coperchio esterno di protezione

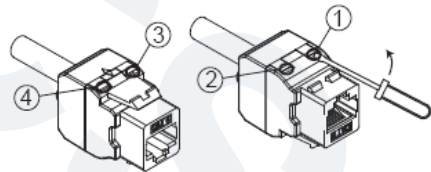


- 2) Sulle posizioni indicate in figura sotto fare leva con un cacciavite a lama piana per aprire il coperchio di crimpatura



RE-OPEN

- 1) Use a flat screwdriver on suggested positions to open outer cap



- 2) Use a flat screwdriver on suggested positions to open protection connection cap

