CCS®

CONNECTIVITY & CABLING SYSTEM
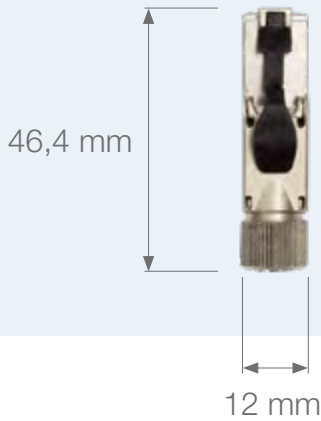
Field Plugs & Couplers

Field Plugs

65 mm

16,3 mm

EASY CRIMP SERIES
For the realization of MPTL, transition points, pach cords

46,4 mm

12 mm

EASY CRIMP COMPACT
Ideal solution for all those installations where space is critical

CCS® Easy Crimp and Easy Crimp Compact field plugs are designed to grant safe and reliable MPTL connections to IP cameras, access points or IoT sensors. They offer reduced dimensions, support 10G system transmission and PoE++ till 100W. Quick installation thanks to easy toolless termination system.

Compliance

PoE+

PoE++

Category

Category 6
Category 6a

Versions

UTP unshielded
STP shielded

Termination

Toolless Easy Crimp
On solid and
stranded cables
Wire sizes
supported
AWG22-AWG27

Applications

IoT sensors
IP cameras
Wireless access points
Led Lighting
Access control
Digital Display

A solution for every installation need

Code	Description
2012007	CAT6 UTP Easy Crimp RJ-45 field plug
2012008	CAT6 STP Easy Crimp RJ-45 field plug
2012009	CAT6A STP Easy Crimp RJ-45 field plug

easy crimp CAT 6
CONNECTIVITY & CABLING SYSTEM

easy crimp CAT 6A
CONNECTIVITY & CABLING SYSTEM

Code	Description
2012025	Cat 6A UTP Easy Crimp Compact RJ45 field plug
2012026	Cat 6A STP Easy Crimp Compact RJ45 field plug

compact CAT 6A
CONNECTIVITY & CABLING SYSTEM

Different series same toolless termination system

1. Insert the cable into the strain relief boot, strip off 30mm of the cable jacket, fold back the drain wire.

2. Fan out all 4 twisted pairs, allocate each conductor into the proper slot on the wiring cap by following the colour coding label. Trim the excess lenghts.

3. Remove the wiring label before placing the wire cap on the plug. Use a plier to clamp it until it completely snaps-in.

4. Close the plug cover, pull back the strain relief boot to cover the plug, fasten the supplied cable tie.

Field plugs

Easy Crimp

Easy Crimp CAT 6 UTP

Description

CCS Easy Crimp unshielded plug used to connect cables with solid and flexible conductors.
With the toolless Easy Crimp system, the connection is always fast and performing .
Ideal for the realization of the modular plug terminated link (MPTL), "transition point" or patch cords out of standard lengths.
Characteristics meet and exceed CAT 6 - Class E requirements according to ISO/IEC 11801 and ANSI/TIA-568.2-D.
Suitable for PoE/PoE+/PoE++ applications.

Characteristics

Material	Flame retardant polycarbonate with high mechanical resistance; 8 nickel bronze contacts plated with 50 µm hard gold
Connection	IDC insulation displacement for solid copper conductors 22-26 AWG and flexible conductors 22-27 AWG; double labelling colour scheme indicating the two T568A/B connections
Installation	On cables with solid and flexible conductors
Compatible cable diameter	From 6 to 9 mm

Performance

Compliance	UL 1863 Communications-Circuit Accessories
Approvals	ISO/IEC 11801-1/2:2017 EN 50173-1/2:2018;ANSI/TIA-568.2-D IEC 60603-7-4 IEC 60512-99-002:2019

Code	Description
2012007	CAT6 UTP Easy Crimp field plug

Easy Crimp CAT 6 STP

Description

CCS Easy Crimp shielded plug used to connect cables with solid and flexible conductors.
With the toolless Easy Crimp system, the connection is always fast and performing .
Ideal for the realization of the modular plug terminated link (MPTL), "transition point" or patch cords out of the standard lengths. Characteristics meet and exceed CAT 6 - Class E requirements according to ISO/IEC 11801 and ANSI/TIA-568.2-D.
Suitable for PoE/PoE+/PoE++ applications.

Characteristics

Material	Plug housing in zinc alloy with high mechanical resistance; 8 nickel bronze contacts plated with 50 µm hard gold
Connection	IDC insulation displacement for solid copper conductors 22-26 AWG and flexible conductors 22-27 AWG; double labelling colour scheme indicating the two T568A/B connections
Installation	On cables with solid and flexible conductors
Compatible cable diameter	From 6 to 9 mm

Performance

Compliance	UL 1863 Communications-Circuit Accessories
Approvals	ISO/IEC 11801-1/2:2017 EN 50173-1/2:2018;ANSI/TIA-568.2-D IEC 60603-7-5 IEC 60512-99-002:2019

Code	Description
2012008	CAT6 STP Easy Crimp field plug

Field plugs

Easy Crimp

Easy Crimp CAT 6A STP

Description

CCS Easy Crimp shielded plug used to connect cables with solid and flexible conductors.

With the toolless Easy Crimp system, the connection is always fast and performing.

Suitable for the realization of the modular plug terminated link (MPTL), "transition point" or patch cords out of the standard lengths.

Characteristics meet and exceed Cat.6A - Class EA requirements according to ISO/IEC 11801 and ANSI/TIA-568.2-D

Suitable for PoE/PoE+/PoE++ applications

General characteristics

Material	Plug housing in zinc alloy with high mechanical resistance; 8 nickel bronze contacts plated with 50 µm hard gold
Connection	IDC insulation displacement for solid conductors 22-26 AWG and flexible conductors 22-27 AWG; double labelling colour scheme indicating the two T568A/B connections
Installation	On cables with solid and flexible conductors
Compatible cable diameter	From 6 to 9 mm

Performance

Compliance	UL 1863 Communications-Circuit Accessories
Standards	ISO/IEC 11801-1/2:2017 EN 50173-1/2:2018;ANSI/TIA-568.2-D IEC 60603-7-5 IEC 60512-99-002:2019

Code	Description	Packaging
2012009	CAT6A STP Easy Crimp field plug	1 pcs

Field plugs

Easy Crimp Compact

Easy Crimp Compact Cat. 6A UTP

Description

CCS Easy Crimp Compact Cat. 6$_A$ unshielded RJ45 field plug used to terminate cables with solid or stranded conductors.
Toolless plugs, no tool is needed for a quick and easy termination.
Ideal for the realization of MPTL connections (Modular Plug Terminated Link) or patch cords of non-standard length.
It is compliant to PoE/PoE+/PoE++ applications.

Performances

Certifications	UL 1863 Communications Circuit Accessories
Standards	ISO/IEC 11801-1/2:2017
	EN 50173-1:2018
	ANSI/TIA-568.2-D
	IEC 60603-7-41
	IEC 60512-99-002:2019

Characteristics

Material	Plug body in PC-FR, 8 contacts phosphor bronze alloy plated with 50µm of gold; steel cable gland
Connection	IDC insulation displacement for solid conductors 23-26 AWG and stranded 23-27 AWG; label indicating T568A/B connection schemes
Installation	On cables with solid and stranded conductors
Retermination	5 times
Color	Black
Cable OD	From 5,5 to 8,5 mm

Code	Description	Packaging
2012025	Cat 6A UTP Easy Crimp Compact RJ45 field plug	1 pc.

Field plugs

Easy Crimp Compact

Easy Crimp Compact Cat. 6A STP

Description

CCS Easy Crimp Compact Cat. 6$_A$ shielded RJ45 field plug used to terminate cables with solid or stranded conductors.
Toolless plugs, no tool is needed for a quick and easy termination.
Ideal for the realization of MPTL connections (Modular Plug Terminated Link) or patch cords of non-standard length.
It is compliant to PoE/PoE+/PoE++ applications.

Performances

Certifications	UL 1863 Communications Circuit Accessories
Standards	ISO/IEC 11801-1/2:2017 EN 50173-1:2018 ANSI/TIA-568.2-D IEC 60603-7-51 IEC 60512-99-002:2019

Characteristics

Material	Plug body in zinc alloy nickel plated, wire manager in flame retardant polycarbonate UL94 V0; 8 contacts phosphor bronze alloy plated with 50μm of gold; steel cable gland
Connection	IDC insulation displacement for solid conductors 22-26 AWG and stranded 23-27 AWG; label indicating T568A/B connection schemes
Installation	On cables with solid and stranded conductors
Retermination	5 times
Color	Metal grey
Cable OD	From 6 to 9 mm

Code	Description	Packaging
2012026	Cat 6A STP Easy Crimp Compact RJ45 field plug	1 pc.

In-line coupler

EASY CRIMP in-line couplers for the extension or repair of an existing link

When an existing network needs to be repaired or extended, the new in-line couplers Easy Crimp are the perfect solution. They allow a quick and reliable termination with high transmission performances. Compliant to Category 6A, these couplers grant a minimal pairing loss that do not alter the link performance. They support applications up to 10 Gigabit, PoE+ and PoE++ .

Compliance

PoE+

PoE++

easy crimp
CAT 6A
CONNECTIVITY & CABLING SYSTEM

Category
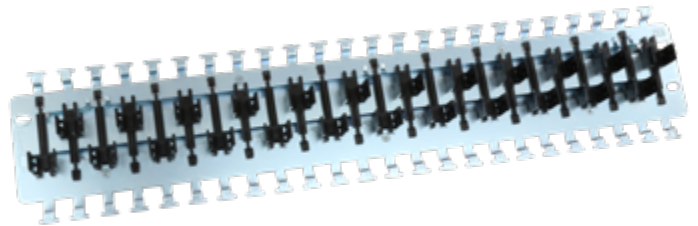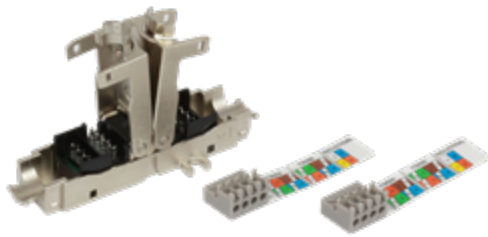
Category 6a

Versions

STP shielded

Termination

Toolless Easy Crimp
On solid cables with
diameter from 6 to 9 mm
Wire sizes
supported 22-26 AWG

Easy Crimp System

Couplers and patch panel

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in-line coupler Cat. 6A STP

Description

CCS in-line coupler Category 6_A shielded, ideal to extend existing copper links.
Toolless termination system for a quick and easy termination.
It complies with Cat. 6_A Class E_A performances, standard ISO/IEC 11801, EN 50173 and ANSI/TIA 568.2-D

Characteristics

Material	Housing in zinc-alloy nickel plated; wire manager in PC-FR, flame retardant polycarbonate UL94 V0; IDC contacts in phosphor bronze tin plated
Connection	IDC termination; for solid copper conductors 22-26 AWG; double label with colour scheme T568A/B
Installation	On cables with solid conductors
Cable OD	From 6 to 9 mm

Performances

Compliance	Category 6_A - Class E_A
Standards	ISO/IEC 11801-1/2:2017 EN 50173-1/2:2018 ANSI/TIA-568.2-D

Code	Description
2012027	In-line coupler Easy Crimp RJ45 Cat. 6A shielded

Patch panel for inline-couplers

Description

CCS 19'' patch panel suitable for the installation up to no. 24 Easy Crimp couplers Cat 6_A for copper cables (P/N 2012027).
Ideal to extend existing copper links.

Characteristics

Structure	Steel frame for the earthing of the couplers; no. 24 plastic holders
Installation	On 19" racks
Dimensions	19", 2U
Compatibility	Suitable for Easy Crimp in-line couplers Cat 6_A STP shielded (P/N 2012027)
Colour	Metal grey

Performances

Standards	ISO/IEC 11801-1/2:2017 EN 50173-1/2:2018 ANSI/TIA-568.2-D

Code	Description
2002055	CCS patch panel 19'' for in-line Easy Crimp couplers

CCS CONNECTIVITY & CABLING SYSTEM

is a trademark of:

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